UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ X WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

DATE FILED JULY 31, 1998

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. UTU-76241 INDIAN

DRILLING APPROVED: AUGUST 10, 1998

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED:

FIELD: MONUMENT BUTTE

UNIT: GREATER BOUNDARY

COUNTY: DUCHESNE

WELL NO. TAR SANDS FEDERAL #15-28-8-17 API NO. 43-013-32109

LOCATION 518 FSL FT. FROM (N) (S) LINE. 1899 FEL FT. FROM (E) (W) LINE. SW SE 1/4 – 1/4 SEC. 28

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
8S	17E	28	INLAND PRODUCTION				

(December 1990) (Other instructions on reverse side) Budget Bureau No. 1004-0136 Expires December 31, 1991

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.: U-76241

6. IF INDIAN, ALOTTEE OR TRIBE NAME:

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

1b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER [ ] SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: Greater Boundary Unit

8. FARM OR LEASE NAME: Tar Sands Federal

2. NAME OF OPERATOR: Inland Production Company

9. WELL NO.: #15-28-8-17

3. ADDRESS OF OPERATOR: P.O. Box 790233 Vernal, UT 84079 Phone: (801) 789-1866

10. FIELD AND POOL OR WILDCAT: Monument Butte

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At Surface: SW/SE
At proposed Prod. Zone: 517.5' FSL & 1898.9' FEL (151 619)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 28, T8S, R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 13.1 miles southeast of Myton, Utah

12. County: Duchesne

13. STATE: UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.(Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
517.5'	1880	40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
	6500'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5132.4' GR

22. APPROX. DATE WORK WILL START*: 4th Quarter 1998

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

The Conditions of Approval For Application For Permit To Drill are attached.

RECEIVED
JUL 31 1998
DIV. OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
SIGNED Cheryl Cameron TITLE Regulatory Specialist DATE 7/23/98
Cheryl Cameron

(This space for Federal or State office use)

PERMIT NO. 43-013-32109 APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY: Federal Approval of this Action is Necessary

APPROVED BY [signature] TITLE BRADLEY G. HILL RECLAMATION SPECIALIST III DATE 8/10/98

584571.2
4437252.7

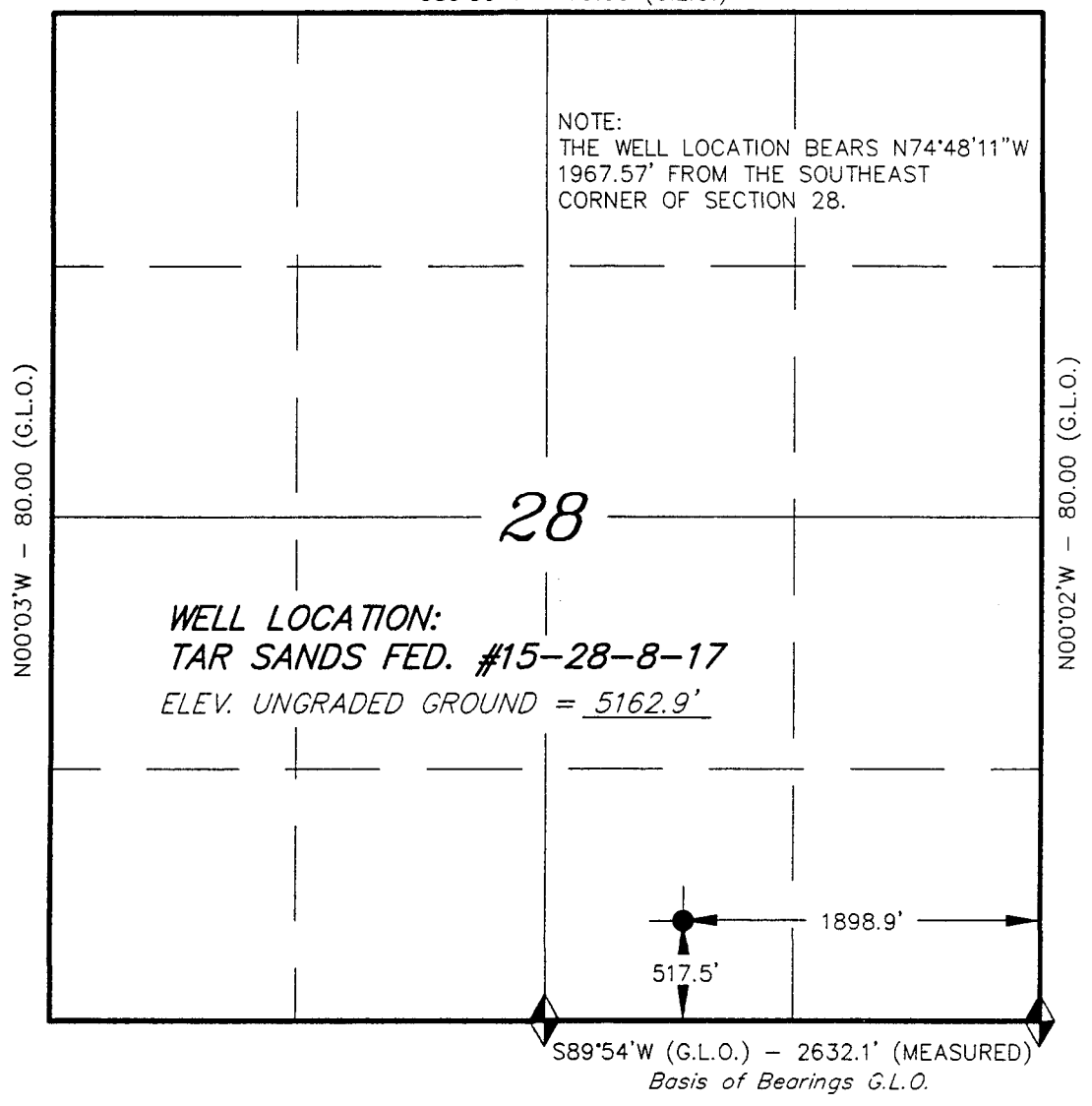
*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

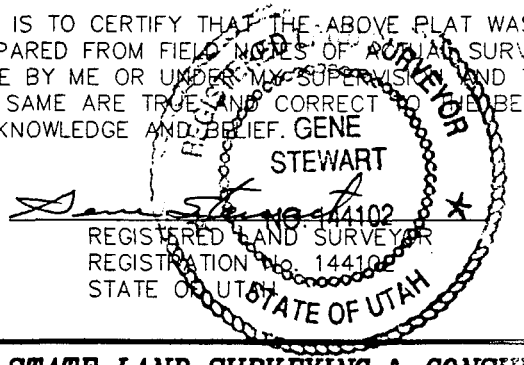
T8S, R17E, S.L.B.&M.

INLAND PRODUCTION CO.

WELL LOCATION, TAR SANDS FED #15-28-8-17, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 28, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REGISTERED LAND SURVEYOR
REGISTRATION No. 144102
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: DS CS
DATE: 7-15-98	WEATHER: HOT
NOTES:	FILE #

Inland
RESOURCES INC.

July 29, 1998

RECEIVED
JUL 31 1998
DIV. OF OIL, GAS & MINING

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

ATTENTION: Ed Forsman/Wayne Bankert

RE: **Tar Sands Federal #15-28-8-17**
Monument Butte Federal #4-24-8-16
Monument Butte Federal #1-23-8-16
Monument Butte Federal #3-23-8-16
Monument Butte Federal #8-23-8-16
S. Wells Draw #10-4-9-16
S. Wells Draw #14A-4-9-16
S. Wells Draw #16-4-9-16
S. Wells Draw #5-3-9-16
S. Wells Draw #12-3-9-16
Tar Sands Federal #16-28-8-17
Monument Butte Federal #5-24-8-16
Monument Butte Federal #2-23-8-16
Monument Butte Federal #7-23-8-16
S. Wells Draw #9-4-9-16
S. Wells Draw #11-4-9-16
S. Wells Draw #15-4-9-16
S. Wells Draw #4-3-9-16
S. Wells Draw #13-3-9-16

Gentlemen:

Enclosed is the original and two copies (each) of Application For Permit To Drill, for the above referenced locations.

Please do not hesitate to contact me in the Vernal Branch Office, if you need additional Information, or have questions.

Sincerely,

Cheryl Cameron
Regulatory Specialist

cc: State of Utah
Division of Oil, Gas & Mining
P.O. Box 145801
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #15-28-8-17
SE/SE SECTION 28, T8S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. ***GEOLOGIC SURFACE FORMATION:***

Uinta formation of Upper Eocene Age

2. ***ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:***

Uinta	0' – 1690'
Green River	1690'
Wasatch	6500'

3. ***ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:***

Green River Formation 1690' – 6500' - Oil

4. ***PROPOSED CASING PROGRAM***

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. ***MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:***

Please refer to the Monument Butte Field SOP. See Exhibit "F".

6. ***TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:***

Please refer to the Monument Butte Field SOP.

7. ***AUXILIARY SAFETY EQUIPMENT TO BE USED:***

Please refer to the Monument Butte Field SOP.

8. ***TESTING, LOGGING AND CORING PROGRAMS:***

Please refer to the Monument Butte Field SOP.

9. ***ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:***

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H2S will be encountered in this area.

10. ***ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:***

Please refer to the Monument Butte Field SOP

INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #15-28-8-17
SW/SE SECTION 28, T8S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Tar Sands Federal #15-28-8-17 located in the SW 1/4 SE 1/4 Section 28, T8S, R17E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southerly along this road 9.9 miles ± to its junction with a dirt road to the northeast; continue northeasterly 1.6 miles to the beginning of the proposed access road.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP. See Exhibit "E".

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. ***WELL SITE LAYOUT***

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). Refer to Exhibit "E".

10. ***PLANS FOR RESTORATION OF SURFACE***

Please refer to the Monument Butte Field SOP.

11. ***SURFACE OWNERSHIP*** - Bureau Of Land Management

12. ***OTHER ADDITIONAL INFORMATION*** ***Archaeological Survey & Pipeline ROW***

The Archaeological Cultural Resource Survey Report is attached.

Inland Production Company requests that a pipeline ROW be granted to the Tar Sands Federal #15-28-8-17 for a 3" – 4" poly fuel gas line and a 4" – 6" poly gas gathering line. Both lines will tie-in to the existing pipeline. Inland requests that a 30' width for the ROW and an additional 30' width for working surface as necessary. Refer to Topographic map "B".

13. ***LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION***

Representative

Name: Cheryl Cameron

Address: P.O. Box 790233 Vernal, Utah 84079

Telephone: (435) 789-1866

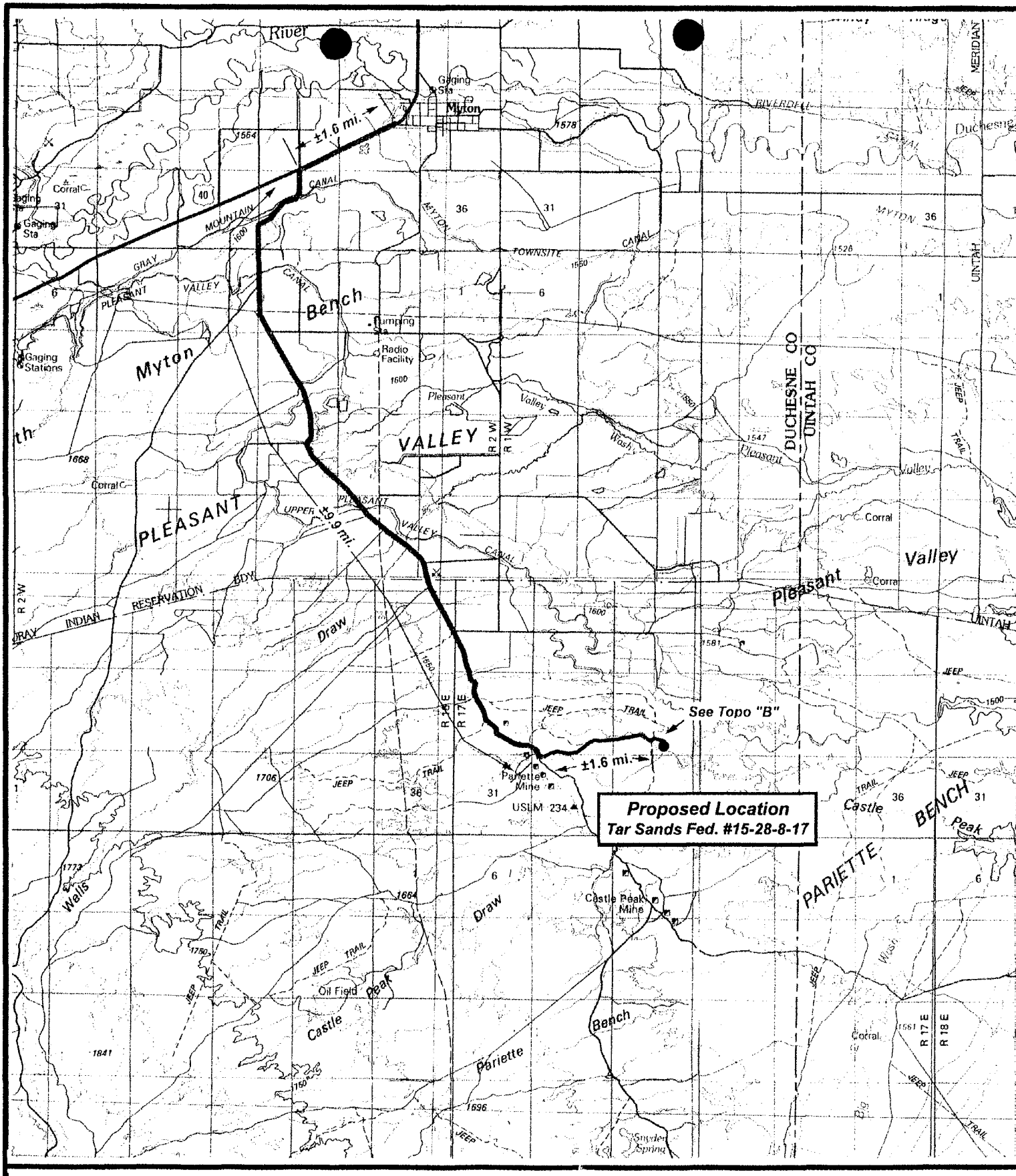
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #15-28-8-17 SW/SE Section 28, Township 8S, Range 17E: Lease U-76241 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #44889 14.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

7/23/98
Date

Cheryl Cameron
Regulatory Specialist

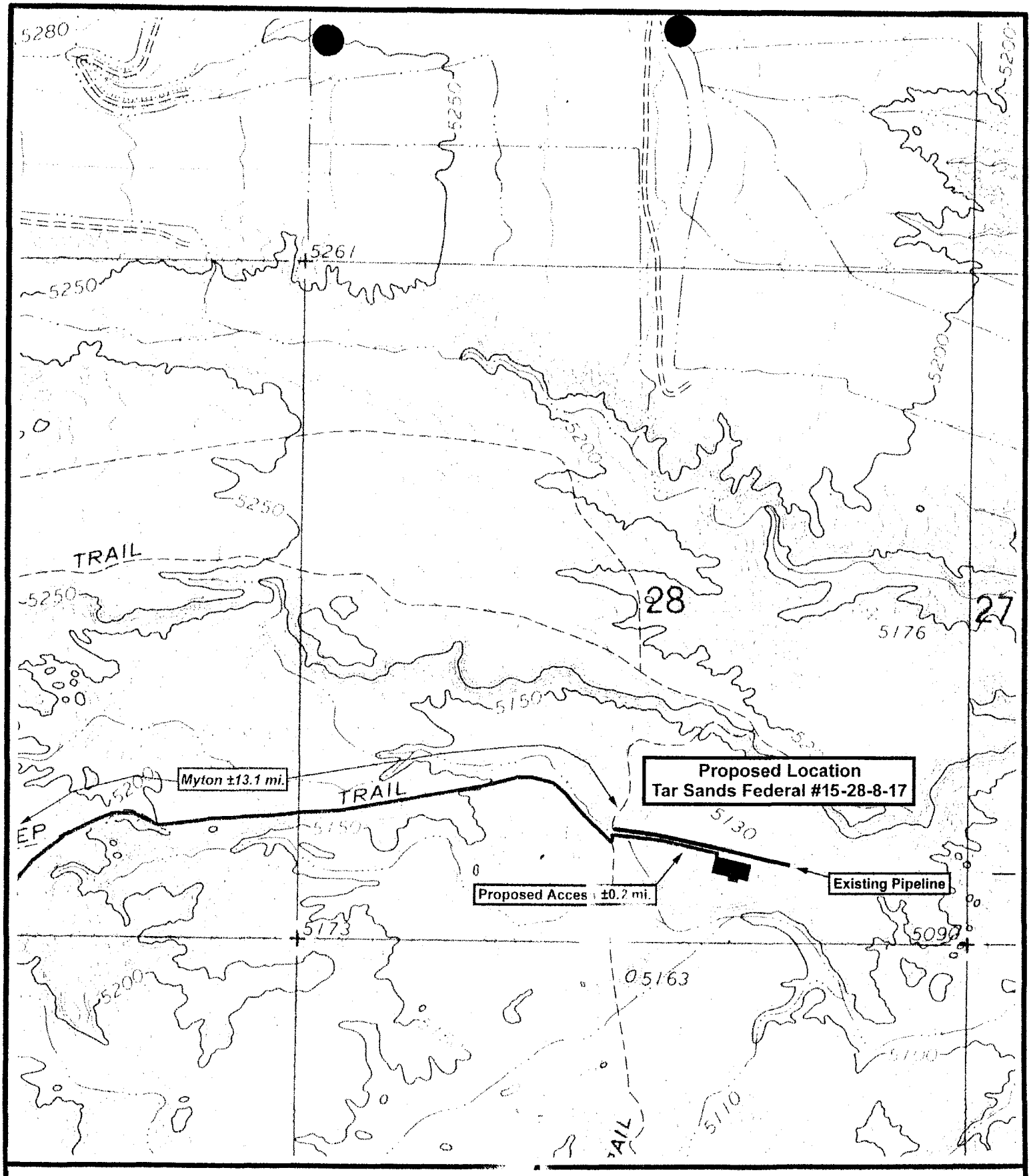


Inland
RESOURCES INC.

TAR SANDS FED. #15-28-8-17
SEC. 28, T8S, R17E, S.L.B.&M.
TOPO MAP "A"

N

Tri-State
Land Surveying Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



Inland
RESOURCES INC.

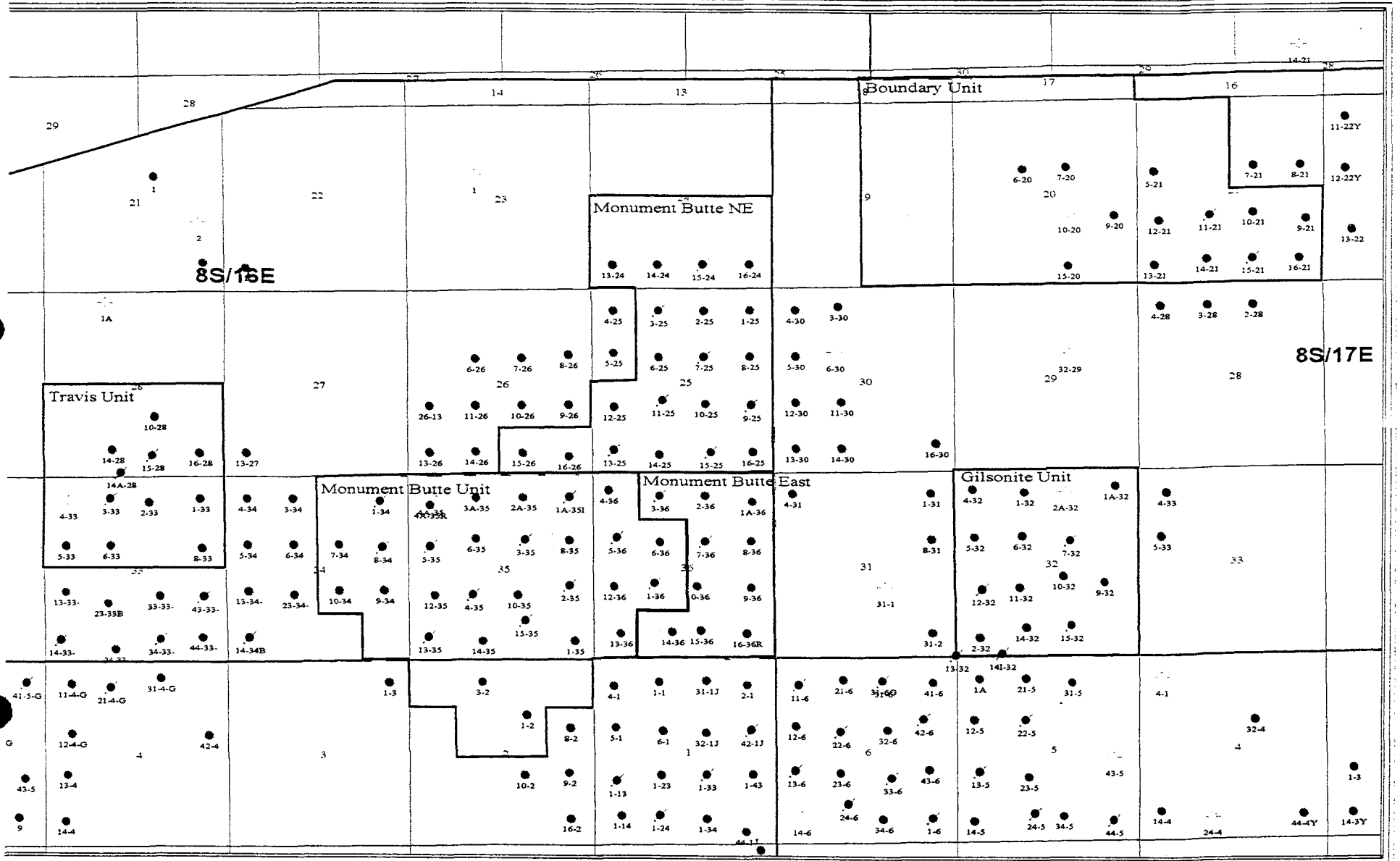
TAR SANDS FEDERAL #15-28-8-17
SEC. 28, T8S, R17E, S.L.B.&M.
TOPO MAP "B"

N

1" = 1000'

Tri-State
Land Surveying Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

EXHIBIT "C"


Boundary Unit
Monument Butte NE
Travis Unit
Monument Butte Unit
Monument Butte East
Gilsonite Unit
8S/16E
8S/17E
Inland RESOURCES INC.
475 17th Street Suite 1500
Denver, Colorado 80202
Phone: (303)-292-0900
Regional Area
Duchesne County, Utah
Date:4/18/97
JA

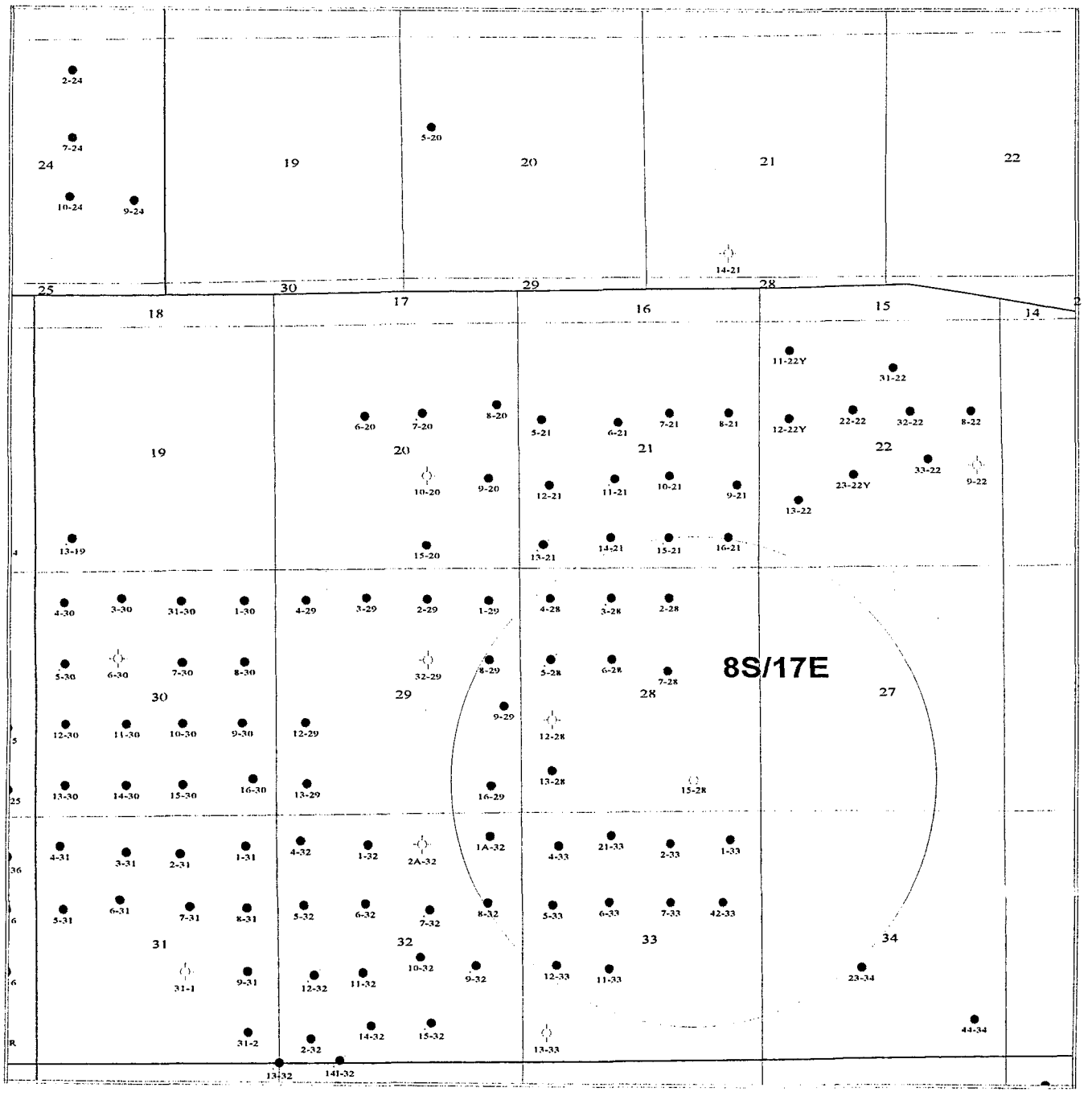


EXHIBIT "D"

INLAND PRODUCTION COMPANY

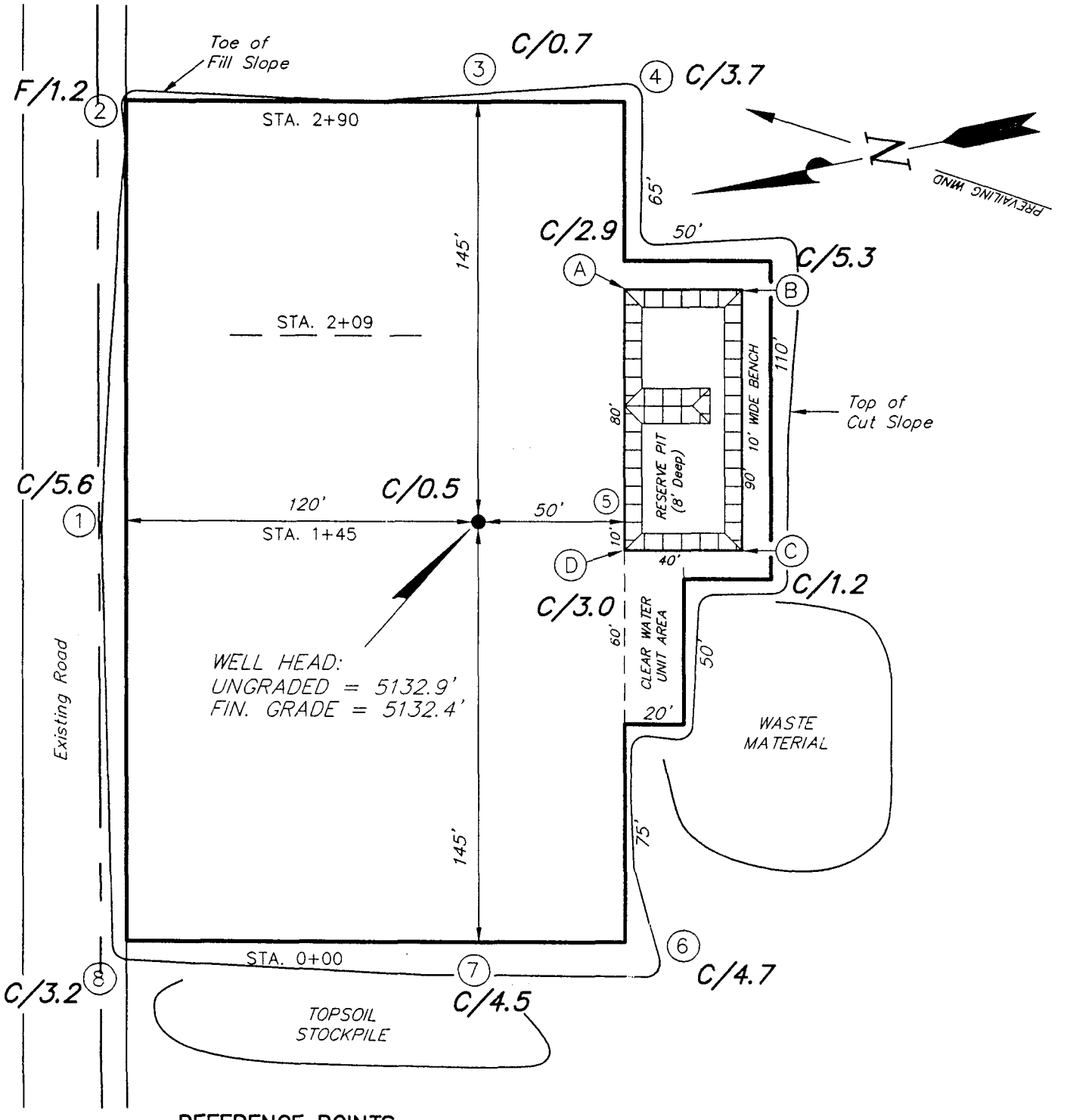
ONE MILE RADIUS
Tar Sands Federal #15-28

Josh Axelson	Scale 1:80041.37	7/23/98

EXHIBIT "E"

INLAND PRODUCTION COMPANY

TAR SANDS FED. #15-28-8-17
SECTION 28, T8S, R17E, S.L.B.&M.



REFERENCE POINTS

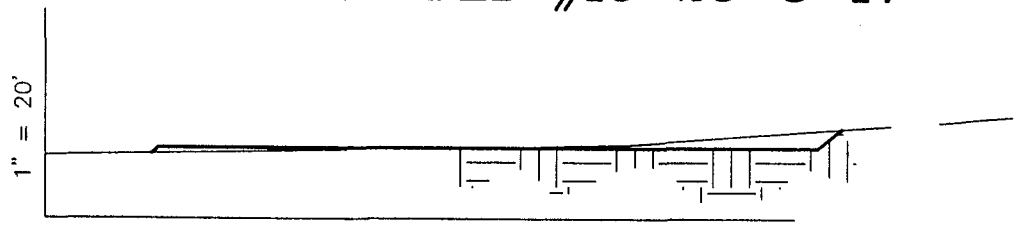
170' NORTH = 5137.1'
220' NORTH = 5137.8'
195' EAST = 5133.5'
245' EAST = 5316.5'

SURVEYED BY: DS CS	
DRAWN BY: NBW	
DATE: 7-15-98	
SCALE: 1" = 50'	
FILE	

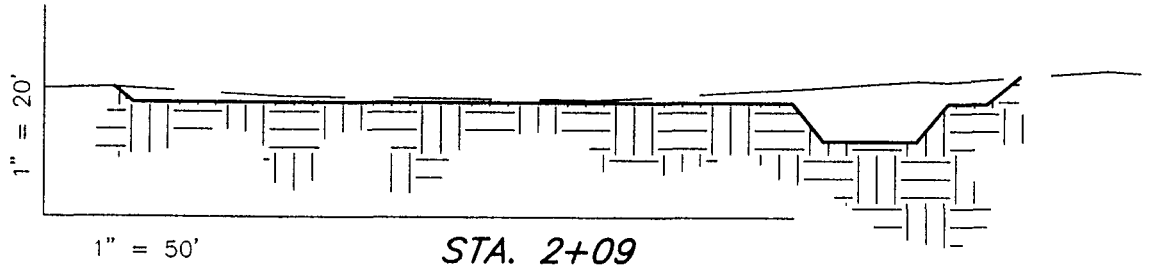
Tri State Land Surveying, Inc.
(435) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

CROSS SECTIONS

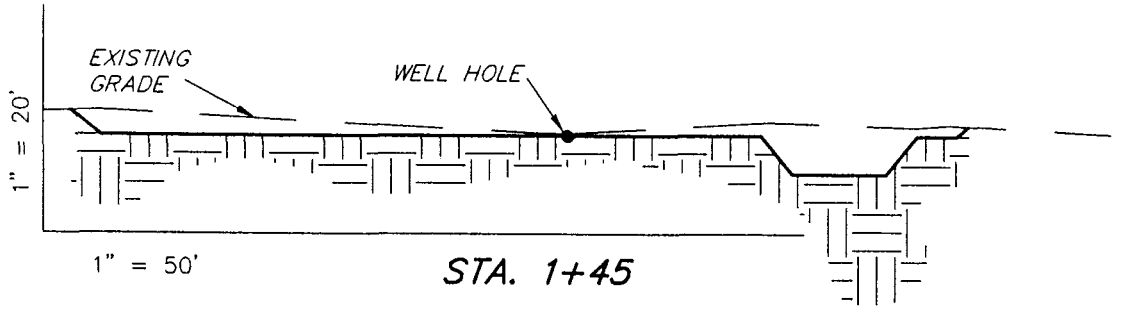
TAR SANDS FED #15-28-8-17



STA. 2+90



STA. 2+09



STA. 1+45

STA. 0+00

APPROXIMATE YARDAGES

CUT = 3,986 Cu. Yds.
FILL = 60 Cu. Yds.
PIT = 560 Cu. Yds.
6" TOPSOIL = 1030 Cu. Yds.

Tri State
Land Surveying, Inc.
(435) 781-2501
38 WEST 100 NORTH, VERNAL, UTAH 84078

Well No.: Tar Sands 15-28-8-17

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands 15-28-8-17

API Number:

Lease Number: UTU-76241

Location: SWSE Sec. 28, T8S, R17E

GENERAL

Access pad from W, along existing gas line Right-of-way.

CULTURAL RESOURCES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

PALEONTOLOGICAL RESOURCES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

SOILS, WATERSHEDS, AND FLOODPLAINS

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

WILDLIFE AND FISHERIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61*

THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

FERRUGINOUS HAWK: In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

MOUNTAIN PLOVER: If new construction or surface disturbing activities are scheduled to occur between March 15 and August 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be completed prior to initiating new construction or surface disturbing activities (see Survey Protocol COAs EA Number 1996-61).

OTHER

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/31/98

API NO. ASSIGNED: 43-013-32109

WELL NAME: TAR SANDS 15-28-8-17
OPERATOR: INLAND PRODUCTION COMPANY (N5160)
CONTACT: Cheryl Cameron (435) 789-1866

PROPOSED LOCATION:
SWSE 28 - T08S - R17E
SURFACE: 0518-FSL-1899-FEL
BOTTOM: 0518-FSL-1899-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: U-76241
SURFACE OWNER: Federal

PROPOSED FORMATION: GRRV

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

✓ Plat
✓ Bond: Federal [M] State[] Fee[]
(No. 4488944)
N Potash (Y/N)
N Oil Shale (Y/N) *190-5(B)
✓ Water Permit
(No. Johnson Water District)
N RDCC Review (Y/N)
(Date:)

N/A St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

✓ R649-2-3. Unit Greater Boundary

___ R649-3-2. General

___ R649-3-3. Exception

___ Drilling Unit
Board Cause No: ___
Date: ___

COMMENTS: *Not listed in 1998 Unit P.O.D. (BLM added 8-5-98)

STIPULATIONS: (1) FEDERAL APPROVAL

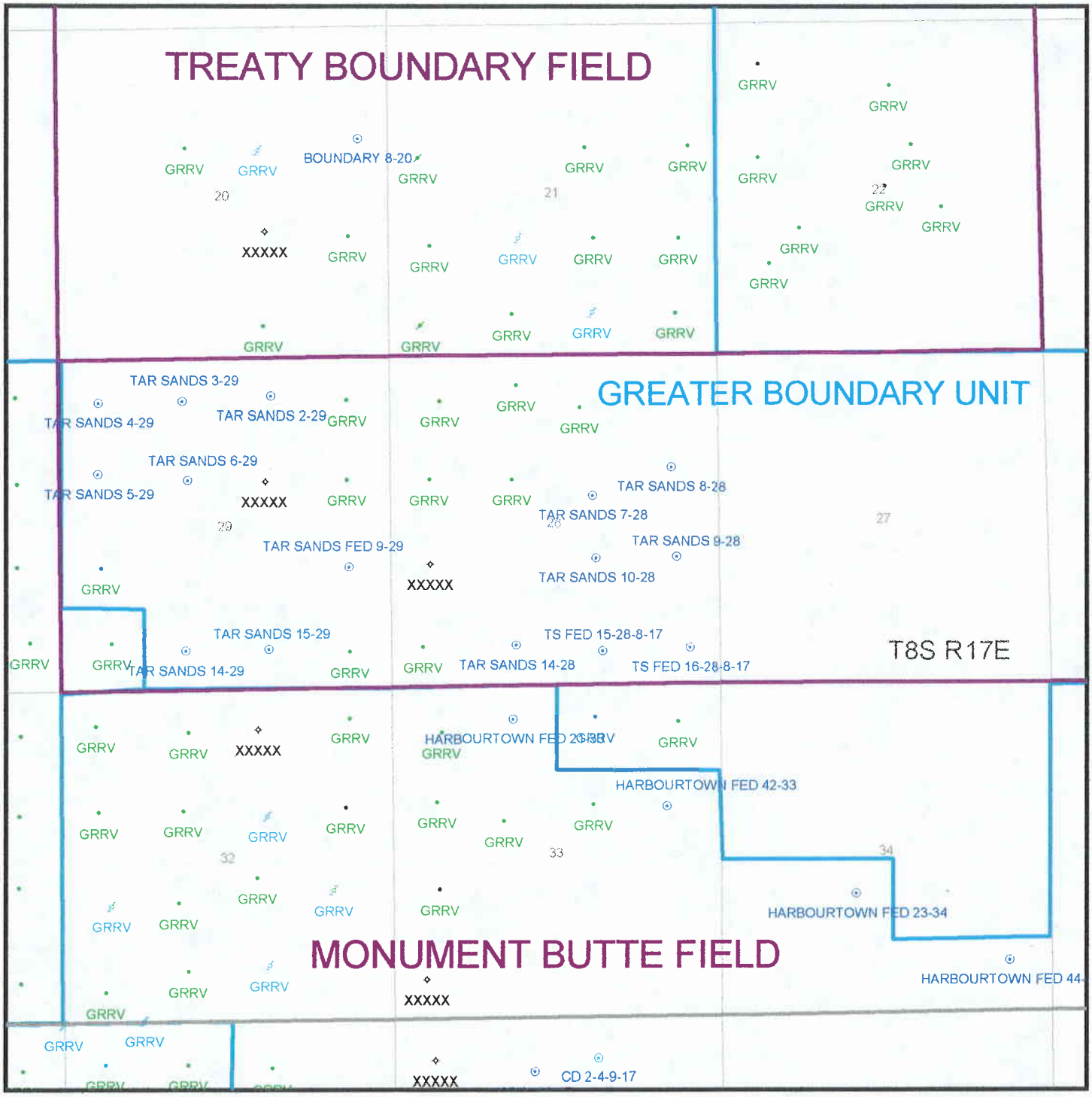
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION COMPANY (N5160)

FIELD: MONUMENT BUTTE (105)

SEC. 28 TWP 8S, RNG 17E

COUNTY: DUCHESNE UAC: R649-3-2 STATEWIDE SPACING

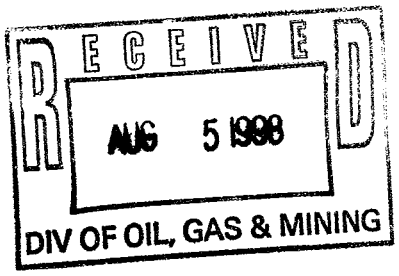


DATE PREPARED:
3-AUG-1998

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)



Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 1998 Plan of Development Greater Boundary Unit Duchesne County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 1998 within the Greater Boundary Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
43-013-32109	TAR SANDS 15-28-8-17	0518-FSL-1899-FEL 28 08S 17E
43-013-32111	TAR SANDS 16-28-8-17	0614-FSL-0515-FEL 28 08S 17E

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Grearter Boundary
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:--

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

Michael O. Leavitt
Governor
Lowell P. Braxton
Division Director

August 10, 1998

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079

Re: Tar Sands Federal 15-28-8-17 Well, 518' FSL, 1899' FEL, SW SE, Sec. 28, T. 8 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32109.

Sincerely,

for John R. Baza
Associate Director

lwp
Enclosures
cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company

Well Name & Number: Tar Sand Federal 15-28-8-17

API Number: 43-013-32109

Lease: U-76241

Location: SW SE **Sec.** 28 **T.** 8 S. **R.** 17 E.

Conditions of Approval

1. General
   Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements
   Notify the Division within 24 hours prior to spudding the well. Contact Jim Thompson at (801)538-5336.

   Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements
   All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval which must be obtained prior to drilling.

(December 1990) (Other instructions on reverse side) Budget Bureau No. 1004-0136 Expires December 31, 1991

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-76241

6. IF INDIAN, ALOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

1b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER [ ] SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: Greater Boundary Unit

8. FARM OR LEASE NAME: Tar Sands Federal

2. NAME OF OPERATOR: Inland Production Company

9. WELL NO.: #15-28-8-17

3. ADDRESS OF OPERATOR: P.O. Box 790233 Vernal, UT 84079 Phone: (801) 789-1866

10. FIELD AND POOL OR WILDCAT: Monument Butte

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At Surface: SW/SE
At proposed Prod. Zone: 517.5' FSL & 1898.9' FEL

RECEIVED JUL 30 1998

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 28, T8S, R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 13.1 miles southeast of Myton, Utah

12. County: Duchesne

13. STATE: UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.(Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
517.5'	1880	40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
	6500'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5132.4' GR

22. APPROX. DATE WORK WILL START*: 4th Quarter 1998

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

The Conditions of Approval For Application For Permit To Drill are attached.

RECEIVED OCT 21 1998 DIV. OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present pr zone and proposed new productive zone.
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical de Give blowout preventer program, if any.

24.
SIGNED Cheryl Cameron TITLE Regulatory Specialist DATE 7/23/98
Cheryl Cameron

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Howard B. Cleavinger II TITLE Assistant Field Manager Mineral Resources DATE 10/15/1998

***See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED

RECEIVED
OCT 21 1998
DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Federal 15-28-8-17

API Number: 43-013-32109

Lease Number: U -76241

Location: NWSE Sec. 28 T. 8S R. 17E

Agreement Name: Greater Boundary Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the shallowest potential productive zone.

SURFACE USE PROGRAM

Location Reclamation

The following seed mixture will be used on the stock piled topsoil, reclamation of the reserve pit and for final reclamation: (All poundages are in Pure Live Seed)

nuttals saltbush	Atriplex nuttalli v. cuneata	3 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
fourwing saltbush	Atriplex canescens	4 lbs/acre
squirreltail	Sitanion hystix	2 lbs/acre

The location topsoil pile shall be seeded immediately after site construction by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed.

The reserve pit shall have a small amount of topsoil stock piled near by to be used to spread over the reserve pit area at the time the reserve pit is reclaimed.

At the time of final abandonment the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately. If the previously reclaimed surface of the reserve pit needs additional contouring, the topsoil over the pit will be scraped off and then used as additional topsoil for final reclamation.

Wildlife Habitat

If the location is to be Constructed or Drilled 2/1 to 8/15 additional surveys for golden eagle, ferruginous hawk and mountain plover will be required before development can occur.

Hookless Cactus Habitat

Due to the presence of the Hookless Cactus; at the time of development for the access road and well location the dirt contractor performing the development will meet with the authorized officer of the BLM on location. This is to assure that the dirt workers are aware of the need to remain on approved areas for construction and avoid habitat that may have cactus plants. All construction work will be south of the existing east west surface gas line.

INLAND PRODUCTION COMPANY
GEOLOGIC PROGNOSIS AND LOG DISTRIBUTION LIST
(updated 6/9/2000)

WELL: Tar Sands Federal #15-28-8-17 **API Number**: 43-013-32109

LOCATION: 518' FSL, 1899' FEL (SWSE)
Section 28, **T8S, R17E**
Duchesne County, Utah

ELEVATION: 5132' Ground
5142' KB

TOPS:		**ANTICIPATED PAY SANDS:**	
Uinta Formation	surface		
Green River Formation		GB-6	4499'
Garden Gulch Member		C-SD	5078'
Point Three Marker	4519'	B-0.5	5182'
'X' Marker	4744'	B-2	5291'
'Y' Marker	4777'		
Douglas Creek Member	4906'	CP-0.5	5765'
Bicarbonate	5146'	CP-1	5793'
B Limestone	5325'	CP-2	5826'
Castle Peak Limestone	5749'	CP-3	5909'
Basal Limestones			

TOTAL DEPTH: **6050'**

CORES: None planned
DSTS: None planned

SAMPLES: None planned

DRILLING:
Union Rig#14: (435) 828 6434
Pusher: (435) 828 6433 Rex Harris
Superintendent: David Gray (435) 828 8031 (cellular)

REPORT WATER FLOWS TO UTAH DIVISION OF OIL, GAS AND MINING: (801) 538 5340

OPEN HOLE LOGGING:
Phoenix Surveys: David Jull (435) 637 4420
DIGL/SP/GR Suite: TD to surface casing
CDL/CNL/GR/CAL Suite logs: TD to 3000'
Gamma Ray scale 0-150
Matrix density 2.68
LAS data floppy required.

DATA DISTRIBUTION:

Inland Production Company (Mail **6** copies)
Route #3 Box 3630
Myton, UT 84052
Attn: Brad Mecham

Inland Production Company (Mail **6** copies, EXPRESS)
410 17th St., Suite 700
Denver, CO 80202
Fax: 303-382-4455
Attn: Josh Axelson

State of Utah
Division of Oil, Gas and Mining (Mail **1** copy)
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Bureau of Land Management (Mail **1** copy)
170 S. 500 East
Vernal, UT 84078
Attn: Ed Forsman

COMPANY CONTACTS:

Pat Wisener (District Drilling Foreman)
(435) 646 3721 office
(435) 646 3031 office fax
(435) 823 7468 cellular
(435) 646 1270 pager

Brad Mecham (District Manager)
(435) 646 3721 office
(435) 646 3031 office fax
(435) 823 6205 cellular
(435) 353 4211 home

Donn Murphy (Operations Manager)
(303) 893 0102 X440 office
(303) 526 7748 home
(435) 823 3737 cellular

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: TAR SANDS 15-28-8-17

Api No.. 43-013-32109 LEASE TYPE: FEDERAL

Section 28 Township 08S Range 17E County DUCHESNE

Drilling Contractor UNION DRILLING RIG # 14

SPUDDED:

Date 08/10/2000

Time 8:15 PM

How DRY

Drilling will commence

Reported by PAT WISENER

Telephone # 1-435-823-7468

Date 08/11/2000 Signed: CHD

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-76241

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Greater Boundry

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
Tar Sands 15-28-8-17

9. API Well No.
43-013-32109

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
Route 3 Box 3630 Myton, Utah 84052 435-646-3721

11. County or Parish, State
Duchesne County, UTAH

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
517.5'FSL & 1898.91'FEL SW/SE
Sec.28, T8S, R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Surface Spud**	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU UNION RIG # 14. Set equipment on 8/7/00. Repair equipment. Drill mouse hole & rat hole. Spud well @ 8:15pm on 8/10/00. Drill 171/4" hole and set 23' of 133/8" conductor. Nipple up cellar. Drill 12 1/4" hole with air mist to a depth of 325". TIH w/ 85/8" J-55 csg. Landed @ 307.16' KB. Cement with *141sks class "G" w/ 2% CaCL2 & 1/4#/sk Cello-flake mixed @ 15.8ppg.>1.17 YLD. Estimated 4 bbls cement to surface. WOC 4 hours. Break out & Nipple up BOP's. Pressure test Kelly, TIW, Choke manifold, & BOP's TO 2000 psi. Test 85/8" CSG to 1500 PSI. ALL TESTED GOOD. Vernal District BLM & Utah DOGM notified by phone. Drill 77/8" hole with water mist to a depth of 2230'.

RECEIVED
AUG 15 2000
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
Signed Pat Wisener Title Drilling Foreman Date 08/14/2000

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:
CC: UTAH DOGM

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT **307.16**

LAST CASING **8 5/8'** SET AT 307.16/KB
OPERATOR **INLAND PRODUCTION COMPANY**
DATUM **10' KB**
WELL **Tars Sands 15-28-8-17**
DATUM TO CUT OFF CASING
FIELD/PROSPECT **Monument Butte**
DATUM TO BRADENHEAD FLANGE
CONTRACTOR & RIG # **UNION RIG 14**
TD DRILLER **325'** LOGGER
HOLE SIZE **12 1/4"**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					14
		WHI " 92 " CSG HEAD			8rd	A	0.95
7	8 5/8"	Maverick SC&T CSG	24 #	J-55	8rd	A	295.31
		SHOE - **GUIDE**			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	311.16	7
LESS NON CSG. ITEMS	15.85	
PLUS FULL JTS. LEFT OUT	0	0
TOTAL	295.31	7
TOTAL CSG. DEL. (W/O THRDS)	295.31	7
TIMING	1ST STAGE	
BEGIN RUN CSG.	9:30am	
CSG. IN HOLE	10:15am	
BEGIN CIRC	10:24am	10:30am
BEGIN PUMP CMT	10:36am	
BEGIN DSPL. CMT	10:44am	
PLUG DOWN		**11:00am**

TOTAL LENGTH OF STRING	311.16
LESS CUT OFF PIECE	14
PLUS DATUM TO T/CUT OFF CSG	10
CASING SET DEPTH	**307.16'**

} COMPARE

GOOD CIRC THRU JOB **YES**
Bbls CMT CIRC TO SURFACE **4 bbls**
RECIPROCATED PIPE FOR ____ THRU ____ FT STROKE
DID BACK PRES. VALVE HOLD ? **N/A**
BUMPED PLUG TO 220 PSI

CEMENT USED		CEMENT COMPANY- **B. J.**
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	**141**	Class "G" w/ 2% CaCL2 + .1/4# /sk. Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield

CENTRALIZER & SCRATCHER PLACEMENT — SHOW MAKE & SPACING

1 on middle of first JT, 1 on collar of the second & third JT. TOTAL 3

COMPANY REPRESENTATIVE **Pat Wisener** DATE **08/11/2000**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: INLAND PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B A	99999	12391	43-013-32109	Tar Sands Federal #15-28	SW/SE	28	8S	17E	Duchesne	August 10, 2000	8/10/2000

WELL 1 COMMENTS:
8-21-00

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 2 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 3 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 4 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Reassign well from one existing entity to another existing entity
- D - Reassign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

Signature: Kebbie S. Jones
Production Clerk
Title
August 15, 2000
Date

(3/89)

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: **U-76241**

6. If Indian, Allottee or Tribe Name: **NA**

7. If Unit or CA, Agreement Designation: **Greater Boundry**

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: **Tar Sands 15-28-8-17**

9. API Well No.: **43-013-32109**

2. Name of Operator: **INLAND PRODUCTION COMPANY**

10. Field and Pool, or Exploratory Area: **MONUMENT BUTTE**

3. Address and Telephone No.: **Route 3 Box 3630 Myton, Utah 84052 435-646-3721**

11. County or Parish, State: **Duchesne County, UTAH**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
517.5'FSL & 1898.91'FEL SW/SE
Sec.28, T8S, R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Surface Spud**	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Con't to drill 7 7/8" hole with air mist to a depth of 3815'. TOH with drill string and BHA. PU & MU bit #4, MM, & BHA. Drill a 7 7/8" hole with water based mud to a depth of 6119'. TOH and lay down drill string & BHA. Open hole log. PU & MU 4 1/2" guide shoe 1 jt, 4 1/2" float collar. 143 jt's 4 1/2" J-55 11.6# CSGN. Set @ 6109.84 KB. Cement with the following; *Cement with *360 sks Premlite ll w/10% GEL. & 3% KCL mixed to 11.ppg >3.43 YLD. *625sks 50/50 POZ w/3% GEL. & 3% KCL mixed to 14.4 ppg. >1.24YLD. Good returns. Bump plug to 1888 psi. Nipple down BOP's. Drop slips with 55,000#. **Release rig @ 4:30 pm on 8/18/00. WOC**

RECEIVED
AUG 22 2000
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Signed Pat Wisener Title Drilling Foreman Date 08/21/2000

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

4 1/2" CASING SET AT **6,109.84**

TPBD 6065.49

LAST CASING **8 5/8'** SET AT 307.16/KB

OPERATOR **INLAND PRODUCTION COMPANY**

DATUM **10' KB**

WELL **Tars Sands 15-28-8-17**

DATUM TO CUT OFF CASING

FIELD/PROSPECT **Monument Butte**

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # **UNION RIG 14**

TD DRILLER **6119'** LOGGER 6125'

HOLE SIZE **7 7/8"**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					14
143	**4.5"**	Maverick LT&C CSG w/10.5 flag	**11.6#**	**J-55**	**8rd**	**A**	6055.49
		Float Collar (auto fill)			**8rd**	**A**	0.95
1	**4.5"**	Maverick LT&C CSG	**11.6#**	**J-55**	**8rd**	**A**	42.5
		SHOE - **GUIDE**			**8rd**	**A**	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	6113.84	144
LESS NON CSG. ITEMS	15.85	
PLUS FULL JTS. LEFT OUT	**170.87**	4
TOTAL	6268.86	148
TOTAL CSG. DEL. (W/O THRDS)	6268.86	148
TIMING	1ST STAGE	2nd STAGE
BEGIN RUN CSG.	8:00AM	
CSG. IN HOLE	11:00AM	
BEGIN CIRC	11:15AM	12:05pm
BEGIN PUMP CMT	12:17pm	12:40pm
BEGIN DSPL. CMT		1:10pm
PLUG DOWN		**1:23pm**

TOTAL LENGTH OF STRING	6113.84
LESS CUT OFF PIECE	14
PLUS DATUM TO T/CUT OFF CSG	10
CASING SET DEPTH	**6109.84**

} COMPARE

GOOD CIRC THRU JOB **YES**

Bbls CMT CIRC TO SURFACE 26 bbls dye

RECIPROCATED PIPE FOR 10 mins THRU 8' FT STROKE

DID BACK PRES. VALVE HOLD ? N/A

BUMPED PLUG TO 1888 PSI

CEMENT USED		CEMENT COMPANY- **B. J.**
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	**360**	Prem Lite II w/ 10% GEL & 3% KCL mixed to 11.0 ppg > 3.43 YLD
2	**625**	50/50 POZ w/ 2% GEL & 3% KCL mixed to 14.4 ppg > 1.24 YLD

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
1 on middle of first JT, 1 on collar of the second & third JT. Then every third collar for a total of 20.	

DIVISION OF OIL, GAS AND MINING

COMPANY REPRESENTATIVE **Pat Wisener** DATE **08/18/2000**

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT - -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-76241

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Greater Boundary Unit

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
Tar Sands Federal 15-28-8-17

9. API Well No.
43-013-32109

2. Name of Operator
Inland Production Company

10. Field and Pool, or Exploratory Area
Monument Butte

3. Address and Telephone No.
Route #3 Box 3630 Myton, Utah 84052 435-646-3721

11. County or Parish, State
Duchesne County Utah

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
517.5' FSL & 1898.91' FEL SW/SE Sec. 28, T8S, R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Status report**	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Status report for time period 9/11/00 through 9/17/00.
Subject well had completion procedures initiated on 9/12/00. A total of three Green River intervals were perforated and hydraulically fractured. Bridge plugs and sand plugs were removed from wellbore. Zones are being swab tested for sand cleanup at present time.

RECEIVED
SEP 20 2000
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
Signed Gary Dietz Title **Completion Foreman** Date **18-Sep-00**

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:
CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

PRODUCTION COMPANY
A Subsidiary of Inland Resources Inc.

~~1-CHD~~
~~2-Trail~~
3-File

September 24, 2000

2 Wells

State of Utah
Division of Oil, Gas & Mining
Attn: Carol Daniels
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Carol:

Please find enclosed form3160-5: for Tar Sands Fed. 15-28-8-17. If you have any questions feel free to call me @ 435-823-7468 cell, or 435-646-3721 office any time.

Sincerely,

Pat Wisener

PAT WISENER
Drilling Foreman

Enclosures

pw

RECEIVED

SEP 29 2000

DIVISION OF
OIL, GAS AND MINING

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-76241

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Greater Boundry Unit

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
Tar Sands fed. 15-28-8-17

9. API Well No.
43-013-32109

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
Route 3 Box 3630 Myton, Utah 84052 435-646-3721

11. County or Parish, State
Duchesne County, UTAH

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
517.5' FSL & 1898.91 FEL SW/SE
Sec.28, T8S, R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Weekly Status**	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

For the period of 9/18/00 thru 9/24/00

Continue to swab fluid to clean up from frac stimulation. Clean out to TPBD of 6043'. Trip production string in hole and set TAC w/13,000# and EOT @ 5987'. Trip in hole with rod pump and rod string. Pressure test tbg with rods. Place well on production @ 1:00pm on 9/19/00.
73" stroke length @ 7 SPM.

RECEIVED
SEP 29 2000
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Signed Pat Wisener Title Drilling Foreman Date 09/24/2000

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

FORM 3160-4
(July 1992)

SUBMIT IN DUPLICATE* (See other instructions ons reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: U-76241

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT AGREEMENT NAME: Greater Boundary Unit

1a. TYPE OF WORK: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

1b. TYPE OF WELL: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR. [ ] Other

8. FARM OR LEASE NAME, WELL NO.: Tar Sands Federal 15-28-8-17

2. NAME OF OPERATOR: INLAND RESOURCES INC.

9. API WELL NO.: 43-013-32109

3. ADDRESS AND TELEPHONE NO.: 410 17th St. Suite 700 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT: Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)
At Surface: 518' FSL & 1890' FEL (SW SE) SECTION 28 - 8S - 17E

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SECTION 28 -T8S - R17E

At top prod. Interval reported below

At total depth

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-32109	08/19/99	DUCHESNE	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD
08/10/00	08/17/00	09/19/00	5132' GR	5142' KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6125'	6046'		---->	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4969' - 5944'

RECEIVED
OCT 10 2000
DIVISION OF OIL, GAS AND MINING

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CBL/CL/GR - 9-19-00 ~~DIGL/SP/CDL~~ - 8-25-00

27. WAS WELL CORED: No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	307'	12-1/4	141 sx Class G w/ 2% CaCL2	
5-1/2	15.5#	6110'	7-7/8	360 sx Premlite II & 625 sx 50/50 poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	EOT @ 5807'	TA @ 5884'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	JSPF	NUMBER
(D2 sds) 4969' - 5000'	4	56
(B2 sds) 5244' - 5285'	2	78
(CP sds) 5765' - 5944'	1 and 2	(1) 24 (2) 46

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4969' - 5000'	frac w/ 57,080# 20/40 sd in 356 bbls fluid
5244' - 5285'	frac w/ 78,000# 20/40 sd in 469 bbls fluid
5765' - 5944'	frac w/ 120,000# 20/40 sd in 721 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
09/19/00	2-1/2" x 1-1/2" x 16' RHAC Pump	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBLS.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day average			---->	115	75	26	652

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
		---->				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Logs In Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____ TITLE Senior Operations Engineer DATE 10/4/00

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			ODEKIRK SPRING 15-36-8-17

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Garden Gulch Mkr	3860'	
Garden Gulch 2	4160'	
Point 3 Mkr	4420'	
X Mkr	4648'	
Y-Mkr	4683'	
Douglas Creek Mkr	4814'	
BiCarbonate Mkr	5046'	
B Limestone Mkr	5138'	
Castle Peak	5638'	
Basal Carbonate		
Total Depth (LOGGER	5857'	

Inland
RESOURCES INC.

February 28, 2001

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

Re: Permit Application for Water Injection Well
Tar Sands Federal #15-28-8-17 Greater Boundary Unit
Monument Butte Field, Boundary Unit, Lease #U-76241
Section 28-Township 8S-Range 17E
Duchesne County, Utah
43-013-32109

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Tar Sands Federal #15-28-8-17 from a producing oil well to a water injection well in the Boundary Unit. Enclosed is a copy of the application filed with the BLM. Also enclosed is a sundry notice of intent.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Joyce McGough or George Rooney at (303) 893-0102.

Sincerely,

Joyce I. McGough UIC-271.2

Joyce McGough
Regulatory Specialist

Enclosure

RECEIVED
MAR 08 2001
DIVISION OF
OIL, GAS AND MINING

410 Seventeenth Street, Suite 700, Denver, CO 80202 • 303-893-0102 • FAX 303-893-0103

RESOURCES INC.

February 28, 2001

Mr. Emmett Schmitz
U.S. Environmental Protection Agency
Region VIII
999 18th Street, Suite 500
Denver, Colorado 80202-2405

RE: Permit Application for Water Injection Well
Tar Sands Federal #15-28-8-17
Monument Butte Field, Boundary Unit, Lease #U-76241
Section 28-Township 8S-Range 17E
Duchesne County, Utah

Dear Mr. Schmitz:

Inland Production Company herein requests a permit to convert the Tar Sands Federal #15-28-8-17 from a producing oil well to a water injection well.

Included with this application is a cement bond log for your convenience. As they are difficult to copy, however, I would very much appreciate its return.

I hope you find this application complete; however, if you have any questions or require additional information, please contact George Rooney at (303) 893-0102.

Sincerely,

Bill Pennington
Chief Financial Officer

INLAND PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

TAR SANDS FEDERAL #15-28-8-17

MONUMENT BUTTE (GREEN RIVER) FIELD

LEASE #U-76241

BOUNDARY UNIT

FEBRUARY 28, 2001

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
EPA FORM 4 – PERMIT APPLICATION	
WORK PROCEDURE FOR INJECTION CONVERSION	
WELLBORE DIAGRAM OF PROPOSED INJECTION WELL (TSF #15-28-8-17)	
ATTACHMENT A	AREA OF REVIEW METHODS
ATTACHMENT A-1	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-2	LISTING OF SURFACE OWNERS
ATTACHMENT A-3	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT A-4	WELL LOCATION PLAT
ATTACHMENT A-5	NAME(S) AND ADDRESS(ES) OF SURFACE OWNERS
ATTACHMENT B	MAP OF WELLS/AREA OF REVIEW
ATTACHMENT B-1	AREA OF REVIEW WITH PROPOSED & EXISTING WATER LINES
ATTACHMENT C	CORRECTIVE ACTION PLAN AND WELL DATA
ATTACHMENT C-1	WELLBORE DIAGRAM – TAR SANDS FEDERAL #15-28-8-17
ATTACHMENT C-2	WELLBORE DIAGRAM – TAR SANDS FEDERAL #7-28-8-17
ATTACHMENT C-3	WELLBORE DIAGRAM – TAR SANDS FEDERAL #9-28-8-17
ATTACHMENT C-4	WELLBORE DIAGRAM – TAR SANDS FEDERAL #10-28-8-17
ATTACHMENT C-5	WELLBORE DIAGRAM – TAR SANDS FEDERAL #11-28-8-17
ATTACHMENT C-6	WELLBORE DIAGRAM – TAR SANDS FEDERAL #14-28-8-17
ATTACHMENT C-7	WELLBORE DIAGRAM – TAR SANDS FEDERAL #16-28-8-17
ATTACHMENT C-8	WELLBORE DIAGRAM – TAR SANDS FEDERAL #1-33-8-17
ATTACHMENT C-9	WELLBORE DIAGRAM – TAR SANDS FEDERAL #2-33-8-17
ATTACHMENT C-10	WELLBORE DIAGRAM – TAR SANDS FEDERAL #7-33-8-17
ATTACHMENT C-11	WELLBORE DIAGRAM – HARBOURTOWN FEDERAL #21-33-8-17
ATTACHMENT E	NAME AND DEPTH OF USDWs
ATTACHMENT E-1	ANALYSIS OF FORMATION WATER FROM THE TAR SANDS FEDERAL #15-28-8-17
ATTACHMENT E-2	ANALYSIS OF THE COMPATIBILITY OF THE INJECTED AND FORMATION FLUIDS
ATTACHMENT G	GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES
ATTACHMENT G-1	FORMATION TOPS
ATTACHMENT G-2	PROPOSED MAXIMUM INJECTION PRESSURE (FRACTURE CALC.)
ATTACHMENT G-3	FRACTURE REPORTS DATED 9/14/00
ATTACHMENT G-4	DRILLING & COMPLETION REPORTS DATED 8/11/00 THROUGH 8/18/00, AND 9/13/00 THROUGH 9/19/00
ATTACHMENT H	OPERATING DATA
ATTACHMENT M	CONSTRUCTION DETAILS
ATTACHMENT M-1	WELLBORE SCHEMATIC OF TAR SANDS FEDERAL #15-28-8-17
ATTACHMENT M-2	SITE PLAN OF TAR SANDS FEDERAL #15-28-8-17
ATTACHMENT Q	PROPOSED PLUGGING AND ABANDONMENT PROCEDURE
ATTACHMENT Q-1	EPA FORM 7520-14 – PLUGGING AND ABANDONMENT PLAN
ATTACHMENT Q-2	WELLBORE SCHEMATIC OF PROPOSED PLUGGING PLAN
ATTACHMENT Q-3	WORK PROCEDURE FOR PLUGGING AND ABANDONMENT
ATTACHMENT R	NECESSARY RESOURCES

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Inland Production Company
ADDRESS 410 17th Street, Suite 700
Denver, Colorado 80202

Well Name and number: Tar Sands Federal #15-28-8-17
Field or Unit name: Monument Butte Field Lease No. U-76241
Well Location: QQ SW/SE section 28 township 8S range 17E county Duchesne

Is this application for expansion of an existing project? . . . . . Yes [X] No [ ]

Will the proposed well be used for: Enhanced Recovery? . . . . . Yes [X] No [ ]
Disposal? . . . . . Yes [ ] No [X]
Storage? . . . . . Yes [ ] No [X]

Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]

If this application is for an existing well,
has a casing test been performed on the well? . . . . . Yes [ ] No [X]
Date of test: Will be done at time of conversion
API number: 43-013-32109.

Proposed injection interval: from 4969' to 5944'
Proposed maximum injection: rate 500 bpd pressure 1563 psig
Proposed injection zone contains [X] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments A through R

I certify that this report is true and complete to the best of my knowledge.

Name: Bill Pennington Signature Bill Pennington
Title Chief Financial Officer Date February 28, 2001
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

RECEIVED
MAR 2 2001
DIVISION OF
OIL, GAS AND MINING

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.

2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.

3. Test casing and packer.

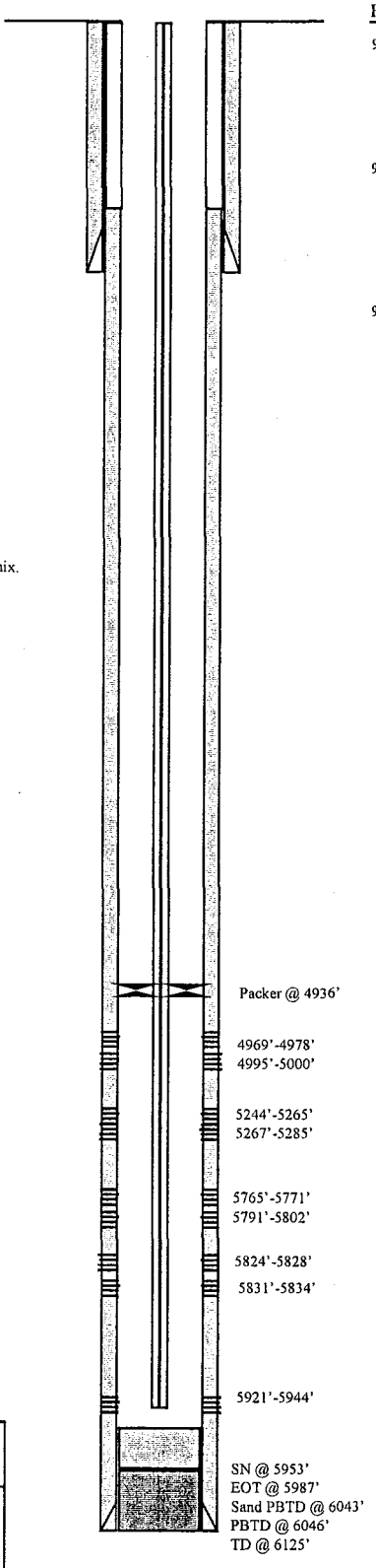
4. Rig down, move out.

Tar Sands Federal #15-28

Spud Date: 8/10/00
Put on Production: 9/19/00
GL: 5132' KB: 5142'

Initial Production: 115 BOPD,
75 MCFPD, 26 BWPD

Proposed Injection
Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 311' (7 jts)
DEPTH LANDED: 307.16' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sx Class "G" cement plus additives

PRODUCTION CASING

CSG SIZE: 4-1/2"
GRADE: J-55
WEIGHT: 11.6#
LENGTH: 144 jts (6113.84')
DEPTH LANDED: 6109.84'
HOLE SIZE: 7-7/8"
CEMENT DATA: 360 sx PremLite II; followed by 625 sx 50/50 Pozmix.

466

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 6.5#
NO. OF JOINTS: 183 jts
TUBING ANCHOR: 5884'
SEATING NIPPLE: 2-3/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5987.08' KB
SN LANDED AT: 5952.92' KB

FRAC JOB

9/14/00	5765'-5944'	**Frac CP sand as follows:** 120,000# 20/40 sand in 721 bbls Viking I-25 fluid. Perfs broke down @ 3550 psi. Treated @ avg press of 2000 psi w/avg rate of 34 BPM. ISIP-1600 psi, 5-min 1495 psi. Left pressure on well.
9/14/00	4969'-5000'	**Frac D-2 sand as follows:** 57,080# 20/40 sand in 356 bbls Viking I-25 fluid. Perfs broke down @ 3980 psi. Treated @ avg press of 2400 psi w/avg rate of 30.5 BPM. ISIP-3100 psi, 5-min 2710 psi. Flowback on 12/64" choke for 2-1/2 hours and died. Rec 77 BTF.
9/14/00	5244'-5285'	**Frac B-2 sand as follows:** 78,000# 20/40 sand in 469 bbls Viking I-25 fluid. Perfs broke down @ 2160 psi. Treated @ avg press of 1800 psi w/avg rate of 30 BPM. ISIP-2030 psi, 5-min 1900 psi. Left pressure on well.

PERFORATION RECORD

9/14/00	4969'-4978'	4 JSPF	36 holes
9/14/00	4995'-5000'	4 JSPF	20 holes
9/14/00	5244'-5265'	2 JSPF	42 holes
9/14/00	5267'-5285'	2 JSPF	36 holes
9/13/00	5765'-5771'	1 JSPF	6 holes
9/13/00	5791'-5802'	1 JSPF	11 holes
9/13/00	5824'-5828'	1 JSPF	4 holes
9/13/00	5831'-5834'	1 JSPF	3 holes
9/13/00	5921'-5944'	2 JSPF	46 holes

Inland Resources Inc.

Tar Sands Federal #15-28

518 FSL 1890 FEL

SWSE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32109; Lease #U-76241

ATTACHMENT A

AREA OF REVIEW METHODS

Give the methods and, if appropriate, the calculations used to determine the size of the area of review (fixed radius or equation). The area of review shall be a fixed radius of 1/4 mile from the well bore unless the use of an equation is approved in advance by the Director.

The area of review shall be a fixed radius of ½ mile from the Tar Sands Federal #15-28-8-17. Inland Production Company has chosen to use a fixed radius of ½ mile to satisfy the requirements of both the EPA and the State of Utah.

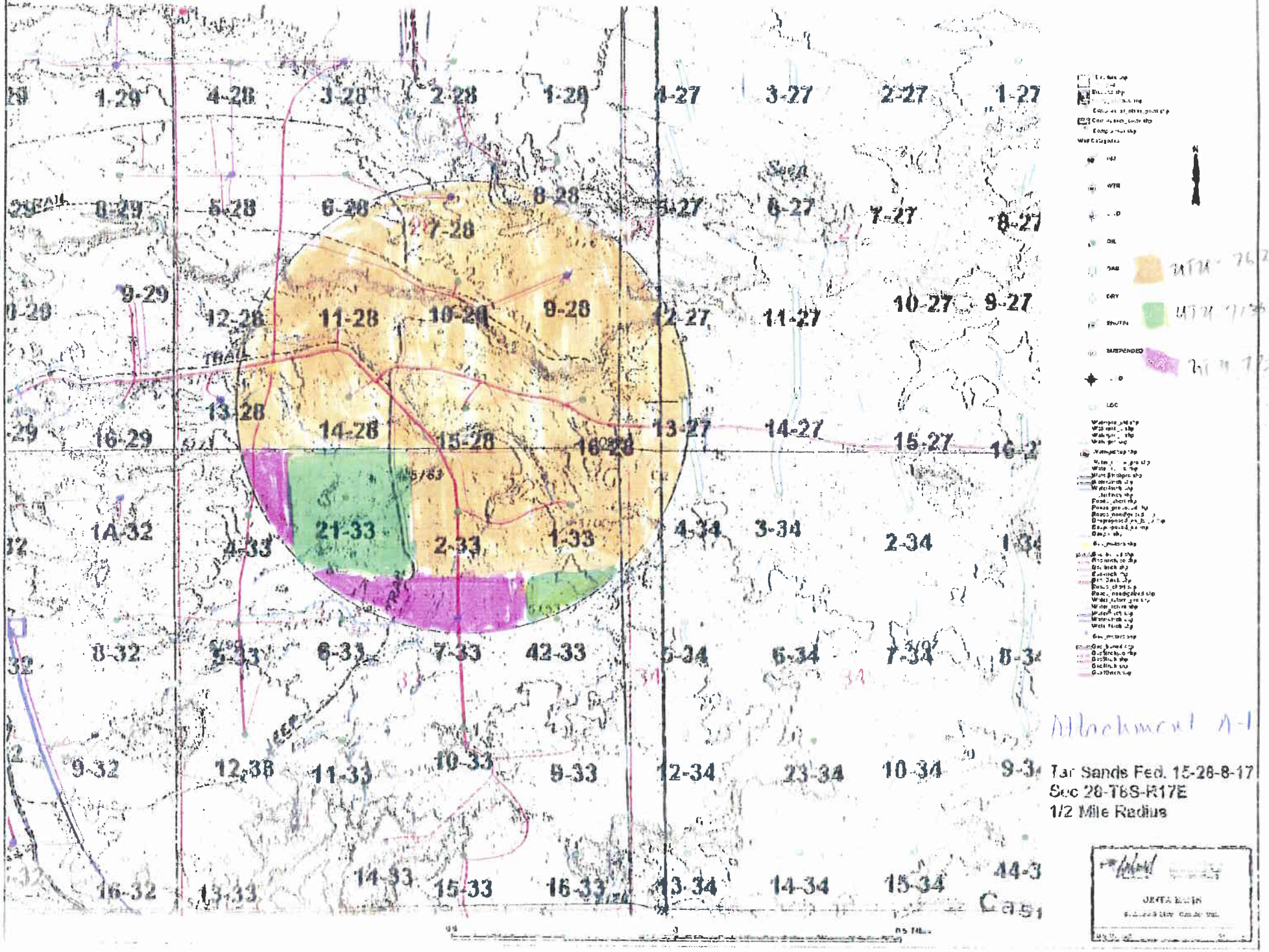
Attachment A-1 One-half Mile Radius Map

Attachment A-2 Listing of Surface Owners

Attachment A-3 Certification for Surface Owner Notification

Attachment A-4 Well Location Plat

Attachment A-5 Name(s) and Address(s) of Surface Owners


1-29
4-28
3-28
2-28
1-28
4-27
3-27
2-27
1-27
8-29
5-28
6-28
8-28
7-28
5-27
6-27
7-27
8-27
9-29
12-28
11-28
10-28
9-28
12-27
11-27
10-27
9-27
13-28
14-28
15-28
16-28
13-27
14-27
15-27
16-29
1A-32
4-33
21-33
2-33
1-33
4-34
3-34
2-34
8-32
5-33
6-33
7-33
42-33
5-34
6-34
7-33
9-32
12-33
11-33
10-33
9-33
12-34
23-34
10-34
16-32
13-33
14-33
15-33
16-33
13-34
14-34
15-34
44-3
Tar Sands Fed. 15-28-8-17
Sec 28-T8S-R17E
1/2 Mile Radius
Attachment A-1

Attachment A-2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 8 South, Range 17 East Section 33: SW/4NE/4, W/2NW/4 SE/4NW, S/2 Section 34: W/2SW/4, SE/4SW/4, SW/4SE/4	UTU-77234 HBP	Inland Production Company	(Surface Rights) USA
2	Township 8 South Range 17 East Section 26: S/2SW/4, SW/4SE/4 Section 27: All Section 28: All Section 34: N/2, N/2SE/4	UTU-76241 HBP	Inland Production Company	(Surface Rights) USA
3	Township 8 South Range 17 East Section 30: NW/4NE/4 Section 33: SE/4NE/4, NE/4NW/4 Section 34: NE/4SW/4, SE/4SE/4	UTU-71368 HBP	Wildrose Resources, Inc.	(Surface Rights) USA

ATTACHMENT A-3

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

Re: Application for Approval of Class II Injection Well
Tar Sands Federal #15-28-8-17

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Bill Pennington
Inland Production Company
Bill Pennington
Chief Financial Officer

Sworn to and subscribed before me this 5 day of March, 2000.

Notary Public in and for the State of Colorado: Janet K. Specht

My commission expires: 7/10/01

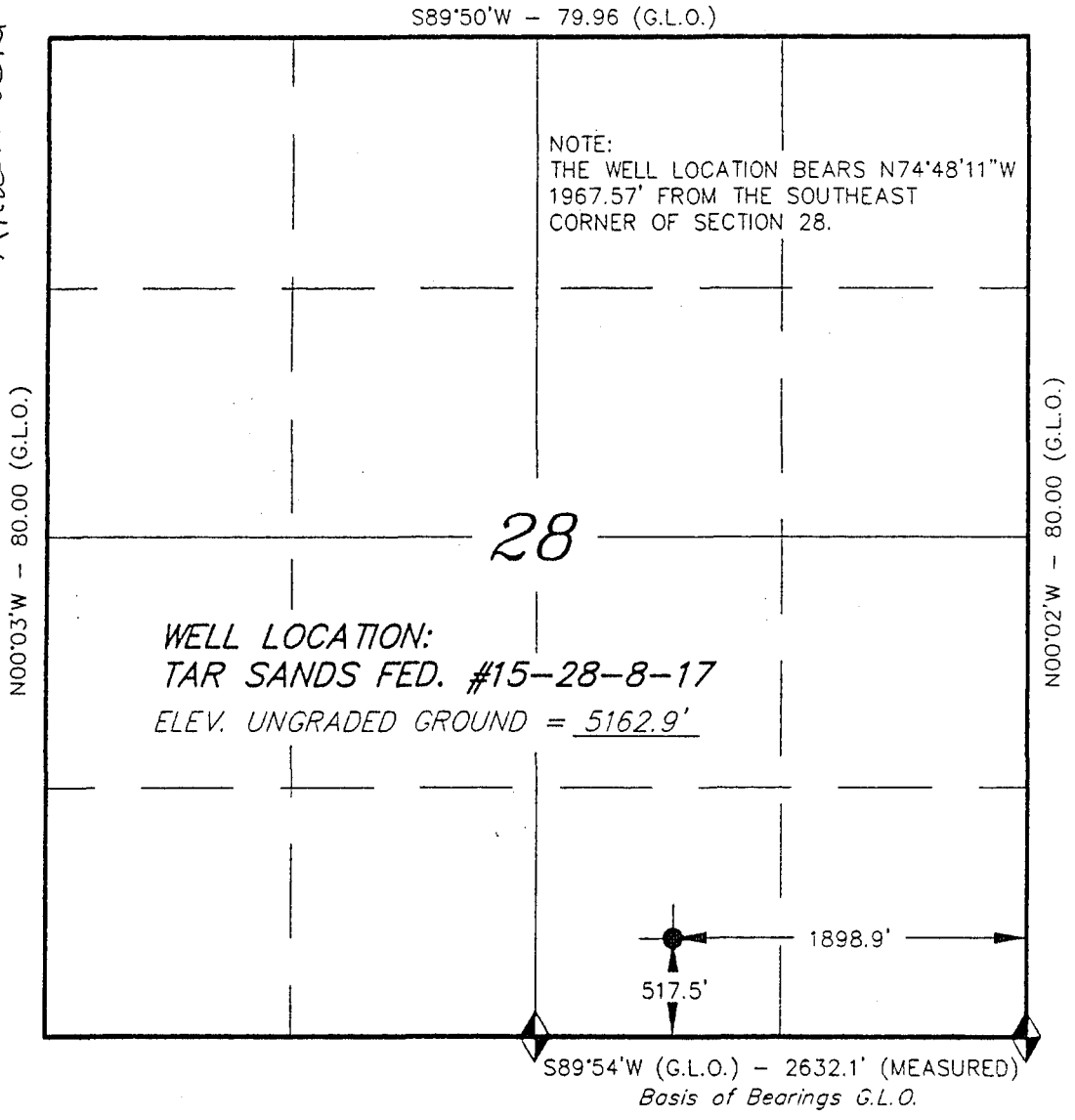
JANET K. SPECHT NOTARY PUBLIC STATE OF COLORADO

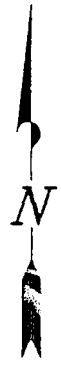
Attachment A-4

T8S, R17E, S.L.B.&M.

INLAND PRODUCTION CO.

WELL LOCATION, TAR SANDS FED #15-28-8-17, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 28, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

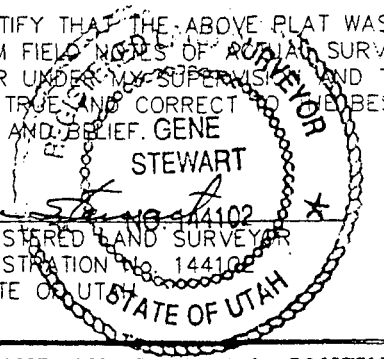




THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

GENE STEWART

REGISTERED LAND SURVEYOR
REGISTRATION NO. 144102
STATE OF UTAH



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: DS CS
DATE: 7-15-98	WEATHER: HOT
NOTES:	FILE #

ATTACHMENT A-5

Names and Addresses of Surface Owners

1. USA

ATTACHMENT B

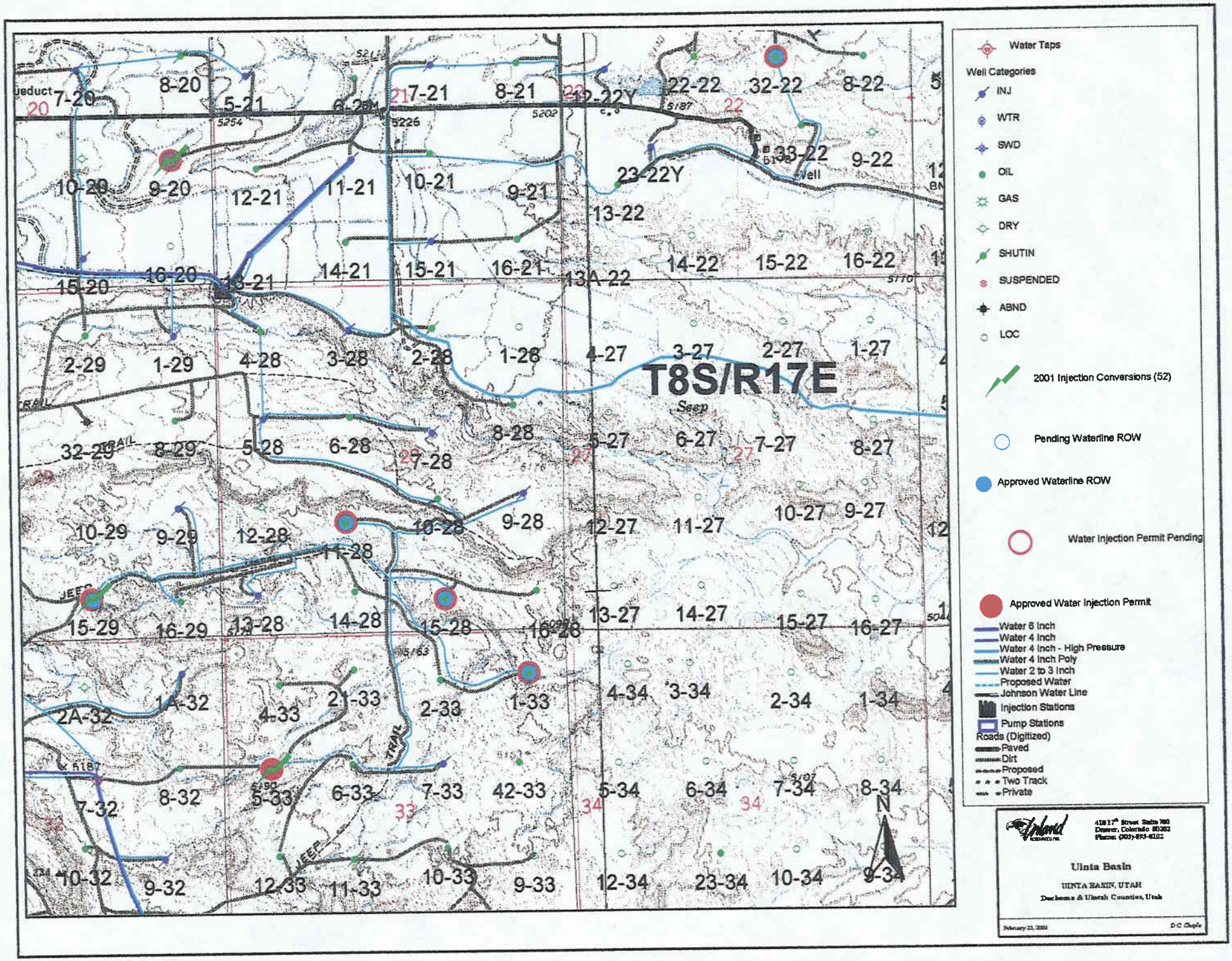
MAPS OF WELLS/AREA AND AREA OF REVIEW

Submit a topographic map, extending one mile beyond the property boundaries, showing the injection well(s) or project area for which a permit is sought and the applicable area of review.

There are no hazardous waste, treatment, storage or disposal facilities within a one-mile radius of the property boundaries.

Attachment B-1 Area of Review and Existing/Proposed Waterlines

Attachment B-1
FSF 15-28



ATTACHMENT C

CORRECTIVE ACTION PLAN AND WELL DATA

Submit a tabulation of data reasonably available from public records or otherwise known to the applicant on all wells within the area of review, including those on the map required in Attachment B, which penetrate the proposed injection zone.

Step rate tests will be performed periodically to determine the fracture pressure. The injection pressure will be kept under the fracture pressure.

Attachment C-1	Wellbore Diagram – TAR SANDS FEDERAL #15-28-8-17
Attachment C-2	Wellbore Diagram – TAR SANDS FEDERAL #7-28-8-17
Attachment C-3	Wellbore Diagram – TAR SANDS FEDERAL #9-28-8-17
Attachment C-4	Wellbore Diagram – TAR SANDS FEDERAL #10-28-8-17
Attachment C-5	Wellbore Diagram – TAR SANDS FEDERAL #11-28-8-17
Attachment C-6	Wellbore Diagram – TAR SANDS FEDERAL #14-28-8-17
Attachment C-7	Wellbore Diagram – TAR SANDS FEDERAL #16-28-8-17
Attachment C-8	Wellbore Diagram – TAR SANDS FEDERAL #1-33-8-17
Attachment C-9	Wellbore Diagram – TAR SANDS FEDERAL #2-33-8-17
Attachment C-10	Wellbore Diagram – TAR SANDS FEDERAL #7-33-8-17
Attachment C-11	Wellbore Diagram – HARBOURTOWN FEDERAL #21-33-8-17

Attachment C-1

Tar Sands Federal #15-28

Spud Date: 8/10/00
Put on Production: 9/19/00
GL: 5132' KB: 5142'

Initial Production: 115 BOPD, 75 MCFPD, 26 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 311' (7 jts)
DEPTH LANDED: 307.16' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sx Class "G" cement plus additives

PRODUCTION CASING

CSG SIZE: 4-1/2"
GRADE: J-55
WEIGHT: 11.6#
LENGTH: 144 jts (6113.84')
DEPTH LANDED: 6109.84'
HOLE SIZE: 7-7/8"
CEMENT DATA: 360 sx PremLite II; followed by 625 sx 50/50 Pozmix.

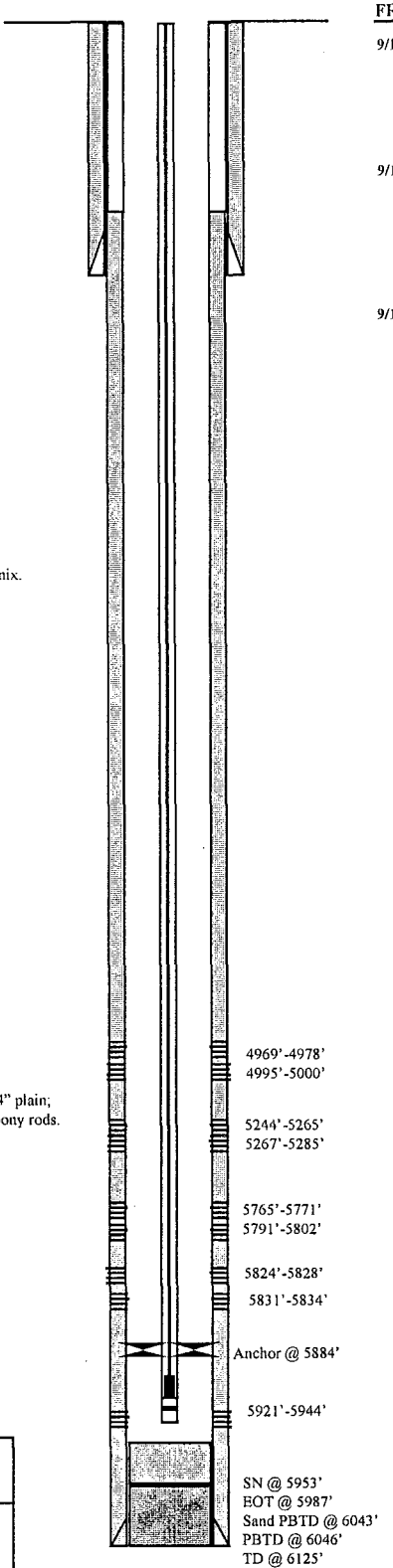
11606

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 6.5#
NO. OF JOINTS: 183 jts
TUBING ANCHOR: 5884'
SEATING NIPPLE: 2-3/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5987.08' KB
SN LANDED AT: 5952.92' KB

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' polished
SUCKER RODS: 4 - 1-1/2" weight rods; 10 - 3/4" scrapered; 134 - 3/4" plain; 89 - 3/4" scrapered; and 1 each of 3/4" x 8' , 3/4" x 6' and 3/4" x 2' pony rods.
TOTAL ROD STRING LENGTH: ?
PUMP SIZE: 2-1/2 x 1-1/2 x 16' RHAC pump
STROKE LENGTH: 73"
PUMP SPEED, SPM: 7
LOGS: GR, SP, Spectral Density-Dual Spaced Neuron, CBL-GR



FRAC JOB

9/14/00 5765'-5944' **Frac CP sand as follows:** 120,000# 20/40 sand in 721 bbls Viking I-25 fluid. Perfs broke down @ 3550 psi. Treated @ avg press of 2000 psi w/avg rate of 34 BPM. ISIP-1600 psi, 5-min 1495 psi. Left pressure on well.

9/14/00 4969'-5000' **Frac D-2 sand as follows:** 57,080# 20/40 sand in 356 bbls Viking I-25 fluid. Perfs broke down @ 3980 psi. Treated @ avg press of 2400 psi w/avg rate of 30.5 BPM. ISIP-3100 psi, 5-min 2710 psi. Flowback on 12/64" choke for 2-1/2 hours and died. Rec 77 BTF.

9/14/00 5244'-5285' **Frac B-2 sand as follows:** 78,000# 20/40 sand in 469 bbls Viking I-25 fluid. Perfs broke down @ 2160 psi. Treated @ avg press of 1800 psi w/avg rate of 30 BPM. ISIP-2030 psi, 5-min 1900 psi. Left pressure on well.

PERFORATION RECORD

9/14/00	4969'-4978'	4 JSPF	36 holes
9/14/00	4995'-5000'	4 JSPF	20 holes
9/14/00	5244'-5265'	2 JSPF	42 holes
9/14/00	5267'-5285'	2 JSPF	36 holes
9/13/00	5765'-5771'	1 JSPF	6 holes
9/13/00	5791'-5802'	1 JSPF	11 holes
9/13/00	5824'-5828'	1 JSPF	4 holes
9/13/00	5831'-5834'	1 JSPF	3 holes
9/13/00	5921'-5944'	2 JSPF	46 holes

Inland Resources Inc.

Tar Sands Federal #15-28

518 FSL 1890 FEL

SWSE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32109; Lease #U-76241

Attachment C-2

Tar Sands Federal #7-28

Spud Date: 6/22/98
Put on Production: 8/8/98
GL: 5196' KB: 5206'

Initial Production: 112 BOPD, 196 MCFPD, 12 BWPD

Injection Wellbore Diagram

12/4/00

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 7 jts. (292.33')
DEPTH LANDED: 292.83' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class G cmt, est 4.5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 145 jts. (6165')
DEPTH LANDED: 6176' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 360 sks Premium Lite mixed & 400 sxs Class G
CEMENT TOP AT: Surface per CBL

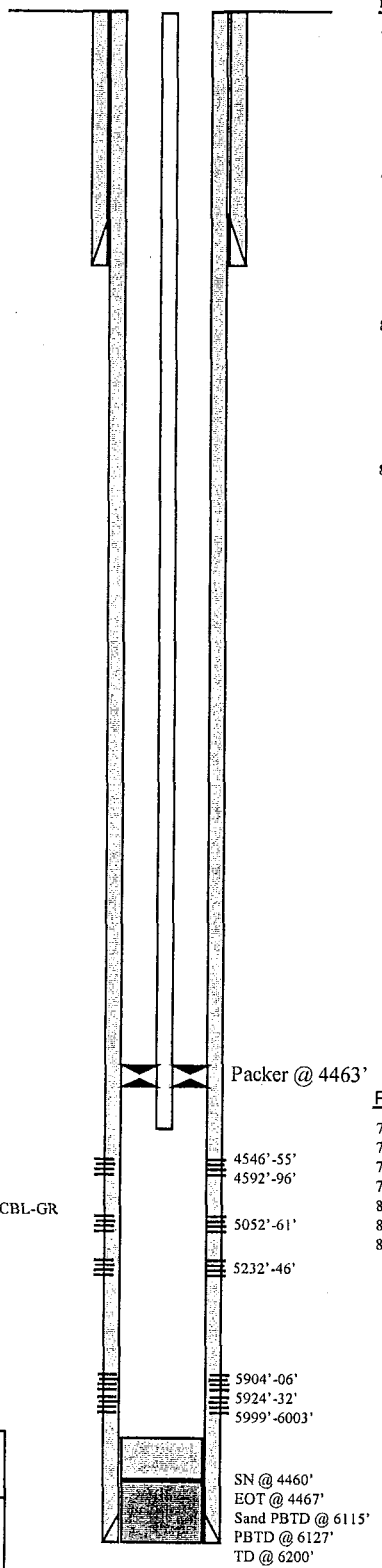
3224

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 138 jts
PACKER: 4463'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 4467'
SN LANDED AT: 4460'

SUCKER RODS

POLISHED ROD:
SUCKER RODS:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS:Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR



FRAC JOB

7/29/98 5904'-6003' — **Frac CP sand as follows:** 111,000# of 20/40 sand in 564 bbls Viking I-25 fluid. Prefs broke down @ 2420 psi. Treated @ avg press of 1335 psi w/avg rate of 29.9 bpm. ISIP: 1850 psi, 5-min 1750 psi. Flowback on 12/64 choke for 6 hours and died.

7/31/98 5232'-5246' — **Frac C sand as follows:** 104,500# of 20/40 sand in 531 bbls Viking I-25 fluid. Prefs broke down @ 2920 psi. Treated @ avg press of 1620 psi w/avg rate of 27.8 bpm. ISIP: 2420 psi, 5-min 2200 psi. Flowback on 12/64 choke for 3 hours and died.

8/3/98 5052'-5061' — **Frac D sand as follows:** 93,700# of 20/40 sand in 500 bbls Viking I-25 fluid. Prefs broke down @ 2230 psi. Treated @ avg press of 1580 psi w/avg rate of 26.3 bpm. ISIP: 2350 psi, 5-min 1860 psi. Flowback on 12/64 choke for 3 hours and died.

8/5/98 4546'-4596' — **Frac GB sand as follows:** 104,500# of 20/40 sand in 513 bbls Viking I-25 fluid. Prefs broke down @ 3200 psi. Treated @ avg press of 1700 psi w/avg rate of 28.8 bpm. ISIP: 2000 psi, 5-min 1640 psi. Flowback on 12/64 choke for 3-1/2 hours and died.

PERFORATION RECORD

7/28/98	5904'-5906'	4 JSPF	8 holes
7/28/98	5924'-5932'	4 JSPF	32 holes
7/28/98	5999'-6003'	4 JSPF	16 holes
7/30/98	5232'-5246'	4 JSPF	56 holes
8/1/98	5052'-5061'	4 JSPF	36 holes
8/4/98	4546'-4555'	4 JSPF	36 holes
8/4/98	4592'-4596'	4 JSPF	16 holes

Inland Resources Inc.

Tar Sands Federal #7-28

2237 FNL 2031 FEL

SWNE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32069; Lease #UTU-76241

Attachment C-3

Tar Sands Federal #9-28

Spud Date: 6/25/98
Put on Production: 8/24/98
GL: 5191' KB: 5201'

Injection Wellbore
Diagram Updated
4/12/00 GBRIV

Initial Production: 44 BOPD;
56 MCFD; 5 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 7 jts.(295')
DEPTH LANDED: 295'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class "G" cmt, & 15 sxs Class "G".

PRODUCTION CASING

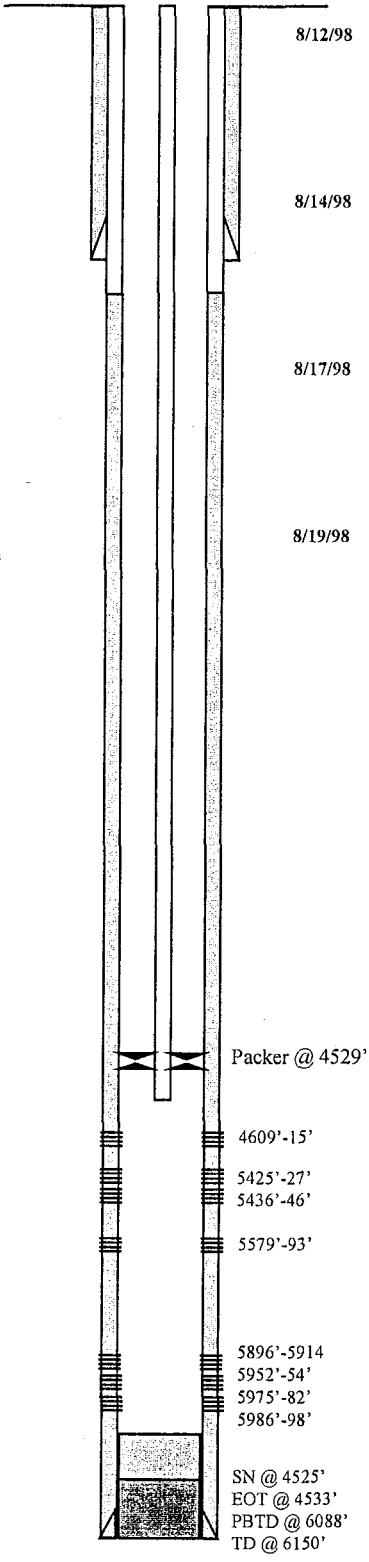
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts. (6129')
SET AT: 6140'
HOLE SIZE: 7-7/8"
CEMENT DATA: 380 sxs Premium modified mixed & 380 sxs class G
CEMENT TOP AT: 390' per cement bond log(Schlumberger)
1639

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 136 jts
PACKER: 4529'
SEATING NIPPLE: 2-7/8"
TOTAL STRING LENGTH: EOT @ 4533'
SN LANDED AT: 4525'

SUCKER RODS

POLISHED ROD:
SUCKER RODS:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS:DIGL/SP/GR/CAL
SDL/DSN/GR



FRAC JOB

8/12/98 5896'-5998' **Frac CP-1 & CP-2 sand as follows:** 100,500# 20/40 sand in 533 bbls Viking I-25 fluid. Perfs broke back @ 2520 psi. Treated @ avg press of 1070 psi w/avg rate of 32 BPM. ISIP: 1460 psi, 5-min 1380 psi. Flowback on 12/64 choke for 3-1/2 hours and died.

8/14/98 5579'-5593' **Frac A-3 sand as follows:** 96,850# 20/40 sand in 534 bbls Viking I-25 fluid. Perfs broke back @ 3470 psi. Treated @ avg press of 1780 psi w/avg rate of 28.6 BPM. ISIP: 2200 psi, 5-min 2050 psi. Flowback on 12/64 choke for 4 hours and died.

8/17/98 5425'-5446' **Frac B-2 sand as follows:** 90,000# 20/40 sand in 490 bbls Viking I-25 fluid. Perfs broke back @ 3820 psi. Treated @ avg press of 1335 psi w/avg rate of 25.1 BPM. ISIP: 1840 psi,5-min SI - 1600 psi. Flowback on 12/64 choke for 4 hours and died.

8/19/98 4609'-4615' **Frac GB-6 sand as follows:** 81,900# 20/40 sand in 431 bbls Viking I-25 fluid. Perfs broke back @ 3100 psi. Treated @ avg press of 1970 psi w/avg rate of 24.7 BPM. ISIP: 2420 psi, 5-min SI 2100 psi. Flowback on 12/64 choke for 3-1/2 hours and died.

PERFORATION RECORD

8/11/98	5896'-5914'	2 JSPF	36 holes
8/11/98	5952'-5954'	2 JSPF	4 holes
8/11/98	5975'-5972'	2 JSPF	14 holes
8/11/98	5986'-5998'	2 JSPF	14 holes
8/13/98	5579'-5593'	4 JSPF	56 holes
8/15/98	5425'-5427'	4 JSPF	8 holes
8/15/98	5436'-5446'	4 JSPF	40 holes
8/18/98	4609'-4615'	4 JSPF	24 holes

Inland Resources Inc.

Tar Sands Federal #9-28

2083 FSL 679 FEL

NESE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32067; Lease #U-76241

Attachment C-4

Tar Sands Federal #10-28

Spud Date: 6/24/98
Put on Production: 8/19/98
GL: 5207' KB: 5217'

Initial Production: 238 BOPD, 377 MCFPD, 15 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 288' (7 jts)
DEPTH LANDED: 288' GL
HOLE SIZE:12-1/4"
CEMENT DATA: 120 sxs Premium cmt Est 6 bbls cmt to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts (6128')
DEPTH LANDED: 6139'
HOLE SIZE: 7-7/8"
CEMENT DATA: 375 sxs Premium mixed & 400 sxs Class 'G'
CEMENT TOP AT: 241' per KB
3569

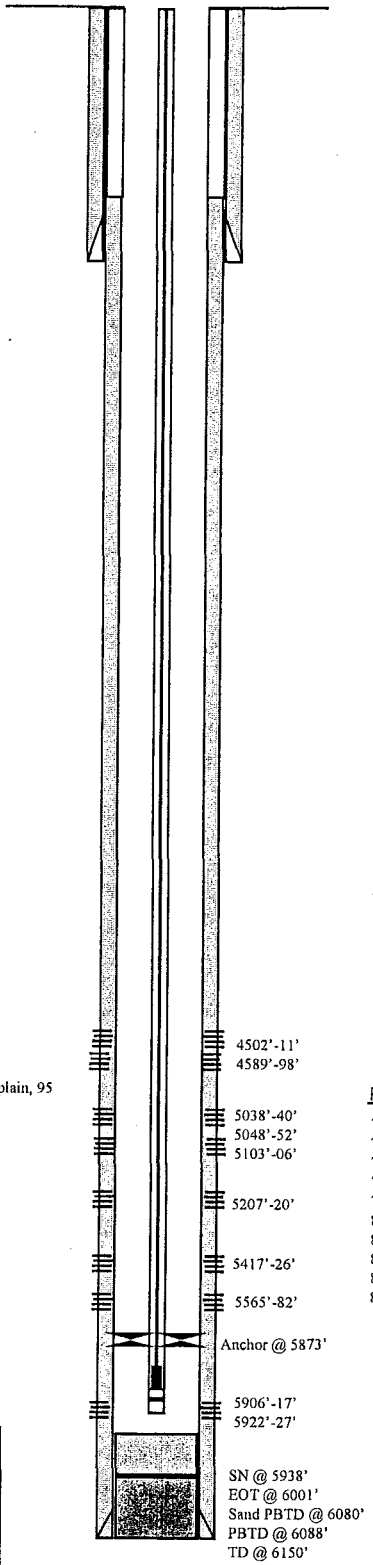
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 189 jts
TUBING ANCHOR: 5873'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 6001'
SN LANDED AT: 5938'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished
SUCKER RODS: 4 - 1-1/2" weight rods, 4 - 3/4" scrapered, 133 - 3/4" plain, 95 - 3/4" scrapered, 1 - 8'x3/4" pony rods.
TOTAL ROD STRING LENGTH: ?
PUMP SIZE: 2-1/2 x 1-1/2 x 16' RHAC pump
STROKE LENGTH: 84"
PUMP SPEED, SPM: 8
LOGS: GR, SP, Spectral Density-Dual Spaced Neuron, CBL-GR

Wellbore Diagram



FRAC JOB

7/24/98 5906'-5927' **Frac CP-1 sand as follows:** 109,021# 20/40 sand in 565 bbls Viking I-25 fluid. Perfs broke down @ 2428 psi. Treated @ avg press of 1300 psi w/avg rate of 28.2 BPM. ISIP-1750 psi, 5-min 1537 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

7/27/98 5565'-5582' **Frac A-3 sand as follows:** 121,500# 20/40 sand in 586 bbls Viking I-25 fluid. Perfs broke down @ 3100 psi. Treated @ avg press of 1880 psi w/avg rate of 30.3 BPM. ISIP-1980 psi, 5-min 1860 psi. Flowback on12/64" choke for 3 hours and died.

7/29/98 5417'-5426' **Frac B-2 sand as follows:** 111,800# 20/40 sand in 565 bbls Viking I-25 fluid. Perfs broke down @ 4000 psi, w/ 2nd break @ 1760 psi w/ rate., Treated @ avg press of 1425 psi w/avg rate of 28.5 BPM. ISIP-2150 psi, 5-min 1700 psi. Flowback on 12/64" choke for 4 hours and died.

7/31/98 5207'-5220' **Frac C-Sd sand as follows:** 105,400# 20/40 sand in 430 bbls Viking I-25 fluid. Perfs broke down @ 3300 psi. Treated @ avg press of 1650 psi w/avg rate of 24 bpm. With 7# sand @ perfs, slurry pumps began pumping extremely rough. Maximum rate able to pump was reduced to 19 bpm. Pressure began rising quickly. 10 ppg sand was reached @ blender before cutting sand. Flushed 20 bbls before screenout occurred w/9.# sand on perfs. Est. 76,100# sand on formation, 29,300# sand left in casing. Flow well back. Rec 5 bbls.

8/3/98 5038'-5106' **Frac D-1 & D-2 sand as follows:** 94,700# 20/40 sand in 495 bbls Viking I-25 fluid. Perfs broke down @ 2100 psi. Treated @ avg press of 2050 psi w/avg rate of 30.5 BPM. ISIP-2920 psi, 5-min 2540 psi. Flowback on 12/64" choke for 2-1/2 hours and died.

8/5/98 4502'-4598' **Frac GB-4 & GB-6 sand as follows:** 118,000# 20/40 sand in 569 bbls Viking I-25 fluid. Perfs broke down @ 3600 psi. Treated @ avg press of 1750 psi w/avg rate of 30.6 BPM. ISIP-2160 psi, 5-min 1700 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

PERFORATION RECORD

7/23/98	5906'-5917'	4 JSPF	44 holes
7/23/98	5922'-5927'	4 JSPF	20 holes
7/25/98	5565'-5582'	4 JSPF	68 holes
7/29/98	5417'-5426'	4 JSPF	36 holes
7/30/98	5207'-5220'	4 JSPF	52 holes
8/1/98	5038'-5040'	4 JSPF	8 holes
8/1/98	5048'-5052'	4 JSPF	16 holes
8/1/98	5103'-5106'	4 JSPF	12 holes
8/4/98	4502'-4511'	4 JSPF	36 holes
8/4/98	4589'-4598'	4 JSPF	36 holes

Inland Resources Inc.

Tar Sands Federal #10-28

2025 FSL 1964 FEL

NWSE Section 286-T8S-R17E

Duchesne Co, Utah

API #43-013-32066; Lease #U-76241

Attachment C-5

Tar Sands Federal #11-28

Spud Date: 8/27/00
Put on Production: 10/04/00
GL: 5124' KB: 5134'

Initial Production: 54 BOPD,
74 MCFPD, 19 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 306.91' (8 jts)

DEPTH LANDED: 302.91'

HOLE SIZE: 12-1/4"

CEMENT DATA: 141 sx Class "G" cmt with additives

PRODUCTION CASING

CSG SIZE: 4-1/2"

GRADE: J-55

WEIGHT: 11.6#

LENGTH: 135 jts (6063.85')

DEPTH LANDED: 6059.85'

HOLE SIZE: 7-7/8"

CEMENT DATA: 350 sx PremLite II; followed by 580 sx 50/50 Poznix

454

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 6.5#

NO. OF JOINTS: 183 jts

TUBING ANCHOR: 5765.31'

SEATING NIPPLE: 2-3/8" (1.10')

TOTAL STRING LENGTH: EOT @ 5964.68' w/10' KB

SN LANDED AT: 5898.26' KB

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' polished

SUCKER RODS: 4 - 1-1/2" weight bars, 10 - 3/4" guided rods, 131 - 3/4" plain, 89 - 3/4" scrapered, 2 - 8'x3/4", 1 - 6' x 3/4" and 1 - 3/4" x 2' pony rods.

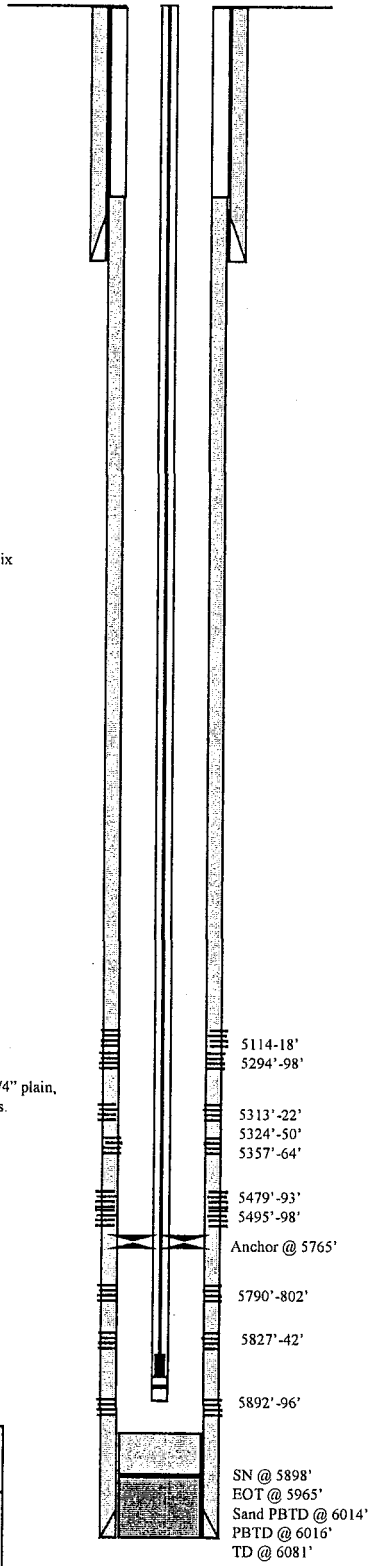
TOTAL ROD STRING LENGTH: ?

PUMP SIZE: 2" x 1-1/2 x 16' RWAC pump

STROKE LENGTH:

PUMP SPEED, SPM:

LOGS: GR, SP, Spectral Density-Dual Spaced Neuron, CBL-GR



FRAC JOB

9/28/00 5790'-5896' — **Frac CP-1 sand as follows:** 99,000# 20/40 sand in 584 bbls Viking I-25 fluid. Perfs broke down @ 3830 psi. Treated @ avg press of 1900 psi w/avg rate of 29 BPM. ISIP-1860 psi. Flowback on 12/64" choke for 4 hours.

9/28/00 5479'-5498' — **Frac A-1 sand as follows:** 66,000# 20/40 sand in 391 bbls Viking I-25 fluid. Perfs broke down @ 3680 psi. Treated @ avg press of 2200 psi w/avg rate of 29 BPM. ISIP-2250 psi. Flowback on 12/64" choke for 2 hours and died. Rec 78 BTF.

9/29/00 5294'-5364' — **Frac B-2 sand as follows:** 138,000# 20/40 sand in 742 bbls Viking I-25 fluid. Perfs broke down @ 2990 psi. Treated @ avg press of 2000 psi w/avg rate of 29.5 BPM. ISIP-2000 psi. Flowback on 12/64" choke @ 1 BPM. Flowed total of 135 bbls.

9/29/00 5114'-5118' — **Frac C sand as follows:** 30,300# 20/40 sand in 217 bbls Viking I-25 fluid. Perfs broke down @ 3088 psi. Treated @ avg press of 2800 psi w/avg rate of 29 BPM. ISIP 2500 psi. Flowed back on 12/64" choke for 1-1/2 hrs & died. Rec 59 BTF.

PERFORATION RECORD

9/29/00	5114'-18'	4 JSPF	16 holes
9/29/00	5294'-98'	4 JSPF	16 holes
9/29/00	5313'-22'	4 JSPF	36 holes
9/29/00	5324'-50'	4 JSPF	104 holes
9/29/00	5357'-64'	4 JSPF	28 holes
9/28/00	5479'-93'	4 JSPF	56 holes
9/28/00	5495'-98'	4 JSPF	12 holes
9/27/00	5790'-96'	4 JSPF	24 holes
9/27/00	5798'-802'	4 JSPF	16 holes
9/27/00	5827'-42'	4 JSPF	60 holes
9/27/00	5892'-96'	4 JSPF	16 holes

Inland Resources Inc.

Tar Sands Federal #11-28

1695 FSL 1882 FWL

NESW Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32134; Lease #U-76241

Attachment C-6

Tar Sands Federal #14-28

Spud Date: 6/30/98
Put on Production: 8/19/98
GL: 5109' KB: 5121'

Initial Production: 82 BOPD,
187 MCFPD, 7 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 7 jts. (313')
DEPTH LANDED: 314' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class G

PRODUCTION CASING

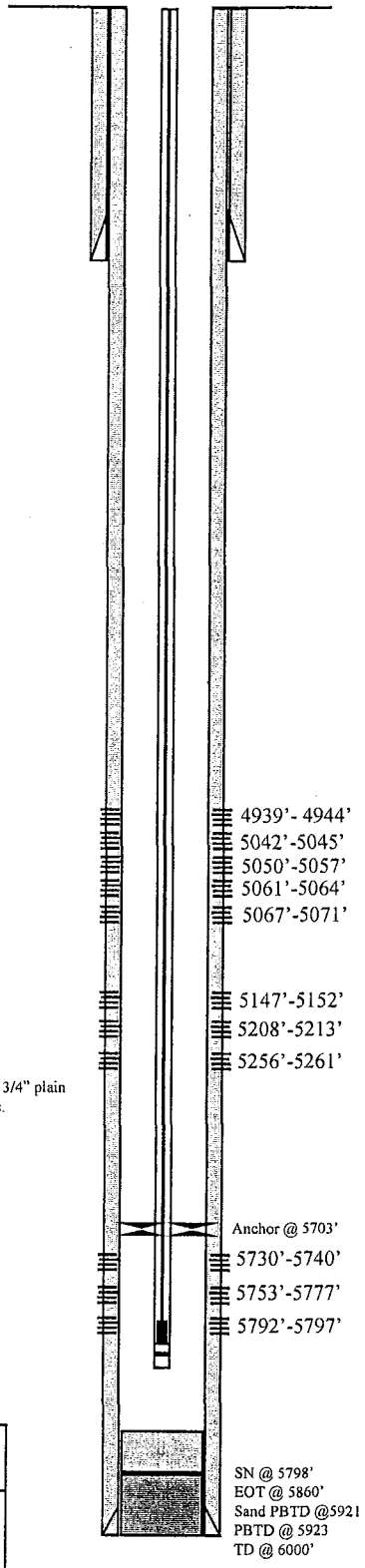
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 142 jts. (5972')
DEPTH LANDED: 5981' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 340 sxs Premium Lite mixed & 350 sxs Class G
CEMENT TOP AT: Surface per CBL
3044

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 192 jts
TUBING ANCHOR:5703'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5860'
SN LANDED AT: 5798'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4 - 1-1/2" weight rods, 4 - 3/4" scrapered rods, 128 - 3/4" plain rods, 95 - 3/4" scapered rods, 1 - 8', 1 - 6', 1 - 4', 1-2' x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15-1/2 RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 5 1/2 SPM
LOGS: DIGL/SP/GR/CAL/CN/CD/CBL-GR



FRAC JOB

8/11//98	5730'-5797'	**Frac CP sand as follows:** 112,100# 20/40 sand in 559 bbl Viking I-25 fluid. Perfs broke down @ 3720 psi. Treated @ avg press of 1350 w/avg rate o f 30.2 bpm. ISIP: 1820 psi, 5 min: 1700 psi. Flowback on 12/64 choke for 4-1/2 hrs & died
8/13/98	5147'-5261'	**Frac B sand as follows:** 118,500# of 20/40 sand in 584 bbls Viking I-25 fluid. Perfs broke down @ 3137 psi. Treated @ avg press of 1980 psi w/avg rate of 32 bpm. ISIP: 2300 psi, 5-min 2140 psi. Flowback on 12/64 choke for 3 hours and died.
8/15/98	4939'-5071'	**Frac D/C sand as follows:** 128,800# of 20/40 sand in 607 bbls Viking I-25 fluid. Perfs broke down @ 3200 psi. Treated @ avg press of 2150 psi w/avg rate of 36.1 bpm. ISIP: 2800 psi, 5-min 2700 psi. Flowback on 12/64 choke for 3 hours and died.

PERFORATION RECORD

8/9/98	5730'-5740'	2 JSPF	20 holes
8/9/98	5753'-5777'	2 JSPF	48 holes
8/9/98	5792'-5797'	2 JSPF	10 holes
8/12/98	5147'-5152'	4 JSPF	20 holes
8/12/98	5208'-5213'	4 JSPF	20 holes
8/12/98	5256'-5261'	4 JSPF	20 holes
8/14/98	4939'-4944'	4 JSPF	20 holes
8/14/98	5042'-5045'	4 JSPF	12 holes
8/14/98	5050'-5057'	4 JSPF	28 holes
8/14/98	5061'-5064'	4 JSPF	12 holes
8/14/98	5067'-5071'	4 JSPF	16 holes

Inland Resources Inc.

Tar Sands Federal #14-28

660 FSL 1982 FWL

SESW Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32065; Lease #U-76241

Attachment C-7

Tar Sands Federal #16-28

Spud Date: 8/19/00
Put on Production: 8/29/00
GL: 5113' KB: 5123'

Initial Production: 119 BOPD, 29 MCFPD, 7 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 310.32' (7 jts)
DEPTH LANDED: 306.32' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sx Class "G" cement plus additives

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 147 jts (6153.51')
DEPTH LANDED: 6161.11'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sx PremLite II; followed by 550 sx 50/50 Pozmix.

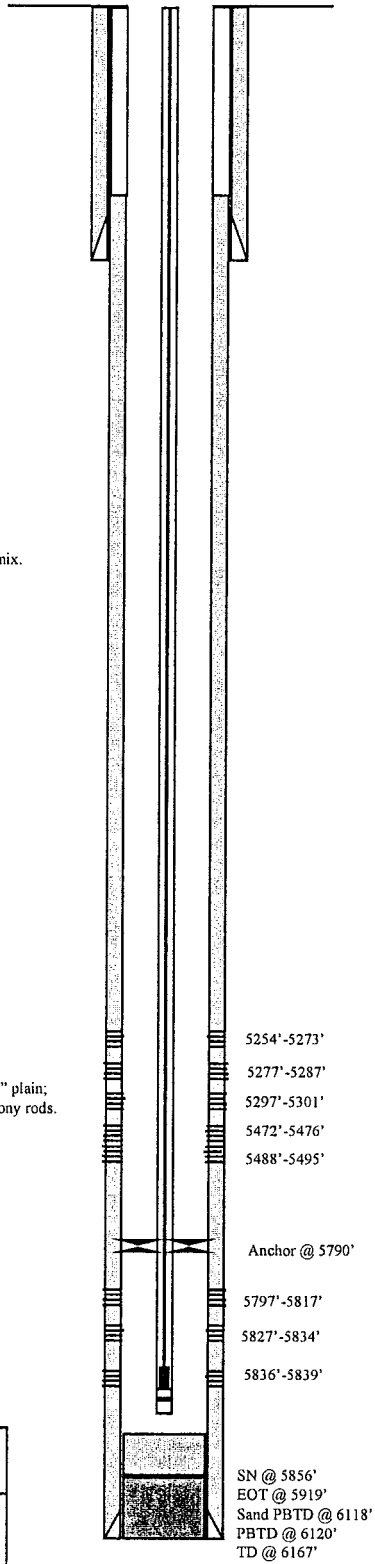
5 93

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 190 jts
TUBING ANCHOR: 5790'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5919.03' KB
SN LANDED AT: 5855.70' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished
SUCKER RODS: 4 - 1-1/2" weight rods; 10 - 3/4" scrapered; 130 - 3/4" plain; 89 - 3/4" scrapered; and 1 each of 3/4" x 8' , 3/4" x 6' and 3/4" x 2' pony rods.
TOTAL ROD STRING LENGTH: ?
PUMP SIZE: 2-1/2 x 1-1/2 x 16' RHAC pump
STROKE LENGTH: 100"
PUMP SPEED, SPM: 6
LOGS: GR, SP, Spectral Density-Dual Spaced Neuron, CBL-GR



FRAC JOB

9/21/00 5797'-5839' **Frac CP sand as follows:** 75,440# 20/40 sand in 506 bbls Viking I-25 fluid. Perfs broke down @ 3368 psi. Treated @ avg press of 1300 psi w/avg rate of 30 BPM. ISIP-2066 psi, 5-min 1622 psi.

9/21/00 5472'-5495' **Frac A-3 sand as follows:** 46,440# 20/40 sand in 367 bbls Viking I-25 fluid. Perfs broke down @ 2560 psi. Treated @ avg press of 2159 psi w/avg rate of 29.9 BPM. ISIP-2066 psi, 5-min 1934 psi.

9/21/00 5254'-5301' **Frac B sand as follows:** 99,440# 20/40 sand in 595 bbls Viking I-25 fluid. Perfs broke down @ 2170 psi. Treated @ avg press of 1740 psi w/avg rate of 31 BPM. ISIP-2060 psi, 5-min 1811 psi. Flow well back on 12/64" choke for 4.5 hrs & died. Recovered 191 bbls frac fluid; est. 1381 BWTR.

PERFORATION RECORD

9/21/00	5254'-5273'	4 JSPF	76 holes
9/21/00	5277'-5287'	4 JSPF	40 holes
9/21/00	5297'-5301'	4 JSPF	16 holes
9/21/00	5472'-5476'	4 JSPF	16 holes
9/21/00	5488'-5495'	4 JSPF	28 holes
9/20/00	5797'-5817'	4 JSPF	80 holes
9/20/00	5827'-5834'	4 JSPF	28 holes
9/20/00	5836'-5839'	4 JSPF	12 holes

Inland Resources Inc.

Tar Sands Federal #16-28

614 FSL 515 FEL

SESE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32111; Lease #U-76241

Attachment C-8

Tar Sands Federal #1-33

Spud Date: 10/19/97
Put on Production: 11/22/97
GL: 5095' KB: 5108'

Initial Production: 111 BOPD;
114 MCFD; 4 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 7 jts.(260')
DEPTH LANDED: 259'
HOLE SIZE:12-1/4"
CEMENT DATA: 140 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (5954')
HOLE SIZE: 7-7/8"
CEMENT DATA: 255 sxs Hibond mixed & 265 sxs thixotropic
CEMENT TOP AT: ? 4900
LANDED AT: 5964'

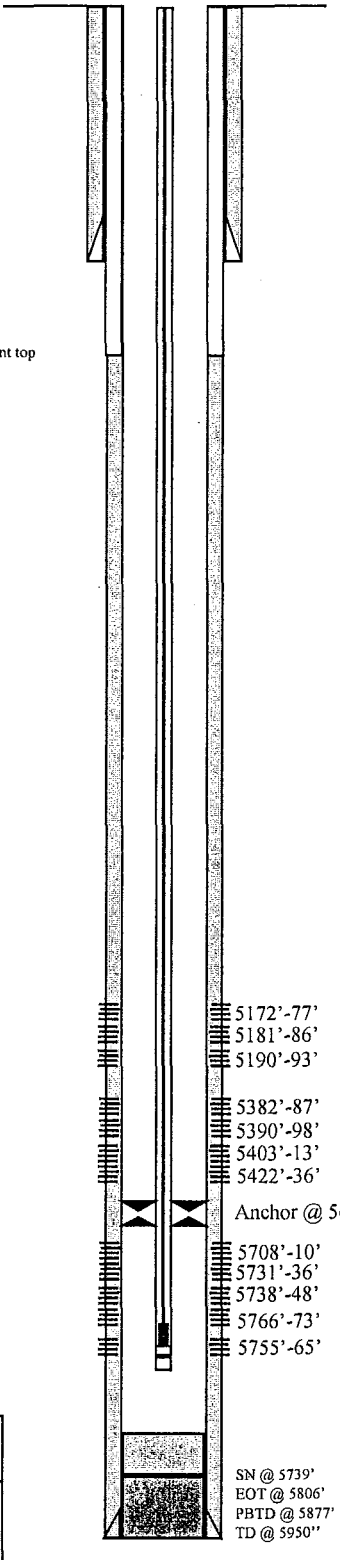
Cement top

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 182 jts
TUBING ANCHOR: 5675'
SEATING NIPPLE: 2-7/8"
TOTAL STRING LENGTH: ?
SN LANDED AT: 5739'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS:4-11/2" wt rods; 4-3/4" scrapered; 126-3/4" plain; 95-3/4" scrapered; 1-4'x3/4" pony rod
TOTAL ROD STRING LENGTH: ?
PUMP NUMBER: ?
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 8 SPM
LOGS:DIG/SP/GR/CAL (5970'-269')
SDL/DSN/GR (5961'-3000')



FRAC JOB

11/15/97 5708'-5773' **Frac CP sand as follows:**
111,300# 20/40 sand in 567 bbls of Delta frac. Breakdown @ 2043 psi, treated @ avg rate 30.1 bpm w/avg press of 1480 psi. ISIP-1757 psi, 5-min 1658 psi. Start flowback on 12/64" ck for 5-1/2 hrs and died.

11/18/97 5382'-5436' **Frac A sand as follows:**
127,300# of 20/40 sand in 596 bbls of Delta frac. Breakdown @ 2354 psi. Treated @ avg rate 29.9 bpm w/avg press of 1580 psi. ISIP-2038 psi. 5-min 1902 psi. Start flowback on 12/64" ck for 4 hrs & died.

11/20/97 5172'-5193' **Frac B sand as follows:**
113,500# of 20/40 sand in 564 bbls of Delta frac. Breakdown @ 1885 psi. Treated @ avg rate 28.5 bpm w/avg press of 2000 psi. ISIP-2668 psi. 5-min 2411 psi. Start flowback on 12/64" ck for 4-1/2 hrs & died.

PERFORATION RECORD

11/14/97	5708'- 5710'	4 JSPF	8 holes
11/14/97	5731'- 5736'	4 JSPF	20 holes
11/14/97	5738'- 5748'	4 JSPF	40 holes
11/14/97	5766'- 5773'	4 JSPF	28 holes
11/14/97	5755'- 5765'	misfire	
11/16/97	5382'- 5387'	4 JSPF	20 holes
11/16/97	5390'- 5398'	4 JSPF	32 holes
11/16/97	5403'- 5413'	4 JSPF	40 holes
11/16/97	5422'- 5436'	4 JSPF	56 holes
11/19/97	5172'- 5177'	4 JSPF	20 holes
11/19/97	5181'- 5186'	4 JSPF	20 holes
11/19/97	5190'- 5193'	4 JSPF	12 holes

Inland Resources Inc.

Tar Sands Federal #1-33

627 FNL 665 FEL

NENE Section 33-T8S-R17E

Duchesne Co, Utah

API #43-013-31863; Lease #U-76241

Attachment C-9

Tar Sands Federal #2-33

Spud Date: 8/23/97
Put on Production: 9/30/97
GL: KB:

Initial Production: 138 BOPD;
132 MCFD; 15 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 7 jts.(299')
DEPTH LANDED: 301' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 140 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

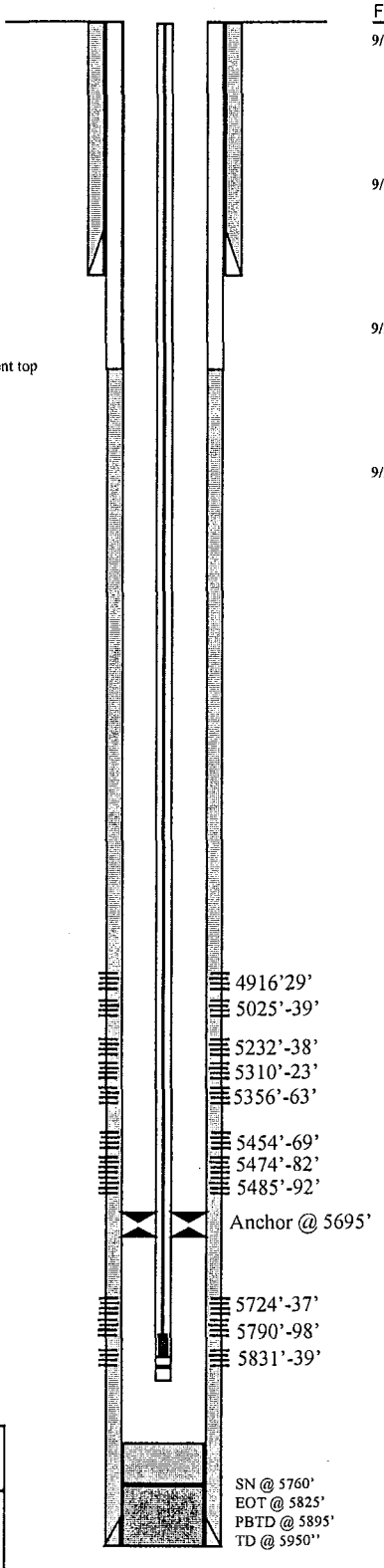
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (5935')
HOLE SIZE: 7-7/8"
CEMENT DATA: 285 sxs Hibond mixed & 285 sxs thixotropic
CEMENT TOP AT:
SET AT: 5946' 3820

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 183 jts
TUBING ANCHOR: 5695'
SEATING NIPPLE: 2-7/8"
TOTAL STRING LENGTH: ?
SN LANDED AT: 5760'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS:4-1 1/2" wt rods; 4-3/4" scrapered; 126-3/4" plain; 95-3/4" scrapered
TOTAL ROD STRING LENGTH: ?
PUMP NUMBER: ?
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC
STROKE LENGTH: 80"
PUMP SPEED, SPM: 8.5 SPM
LOGS:DIGL/SP/GR/CAL (5948'-309')
SDL/DSN/GR (5916'-3000')



FRAC JOB

9/19/97 5724'-5839' **Frac CP sand as follows:** 120,000# 20/40 sand in 603 bbls of Boragel. Breakdown @ 2046 psi, treated @ avg rate 28.3 bpm w/avg press of 1300 psi. ISIP-1693 psi, 5-min 1508 psi. Start flowback on 12/64" ck for 3 - 1/2 hrs and died.

9/21/97 5454'-5492' **Frac LDC sand as follows:** 77,500# of 20/40 sand in 445 bbls of Boragel. Breakdown @ 3344 psi. Treated @ avg rate 24.4 bpm w/avg press of 2000 psi. ISIP-2404 psi. 5-min 2341 psi. Start flowback on 12/64" ck for 3-1/2 hrs & died.

9/24/97 5232'-5363' **Frac A/B sands as follows:** 141,000# of 20/40 sand in 639 bbls of Boragel. Breakdown @ 2900 psi. Treated @ avg rate 30.15 bpm w/avg press of 2250 psi. ISIP-2535 psi. 5-min 2373 psi. Start flowback on 12/64" ck for 5 - 1/2 hrs & died.

9/26/97 5025'-4929' **Frac C/D sands as follows:** 141,000# 20/40 sand in 663 bbls Boragel Perfs broke back @ 2427 psi (13 BPM). Treated @ ave press os 2080 psi w/ave rate of 30.2 BPM. ISIP: 2810 psi, 5 min: 2773 psi. Flowback on 12/64" ck for 4-1/2 hrs & died.

PERFORATION RECORD

9/16/97	5724'- 5737'	4 JSPF	52 holes
9/16/97	5790'- 5798'	4 JSPF	32 holes
9/16/97	5831'- 5839'	4 JSPF	32 holes
9/20/97	5454'- 5469'	4 JSPF	60 holes
9/20/97	5474'- 5482'	4 JSPF	32 holes
9/20/97	5485'- 5492'	4 JSPF	28 holes
9/23/97	5232'- 5238'	4 JSPF	24 holes
9/23/97	5310'- 5323'	4 JSPF	52 holes
9/23/97	5356'- 5363'	4 JSPF	28 holes
9/25/97	5025'- 5039'	4 JSPF	56 holes
9/25/97	4916'- 4929'	4 JSPF	52 holes

Inland Resources Inc.

Tar Sands Federal #2-33

545 FNL 1991 FEL

NWNE Section 33-T8S-R17E

Duchesne Co, Utah

API #43-013-31867; Lease #U-76241

Attachment C-10

Tar Sands Federal #7-33

Spud Date: 4/28/97
Put on Production: 11/22/97
GL: 5113' KB: 5126' (13'KB)

Initial Production: 101 BOPD;
90 MCFD; 0 BWPD

Injection WellboreDiagram

11/22/00 GBRIV

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT:24#

LENGTH: 7 jts.(290.48')

DEPTH LANDED: 288.56' GL

HOLE SIZE:12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 137 jts. (5878')

HOLE SIZE: 7-7/8"

CEMENT DATA: 295 sxs Hibond mixed & 255 sxs thixotropic

CEMENT TOP AT: 2616

SET AT: 5877'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5# @ 4,345'

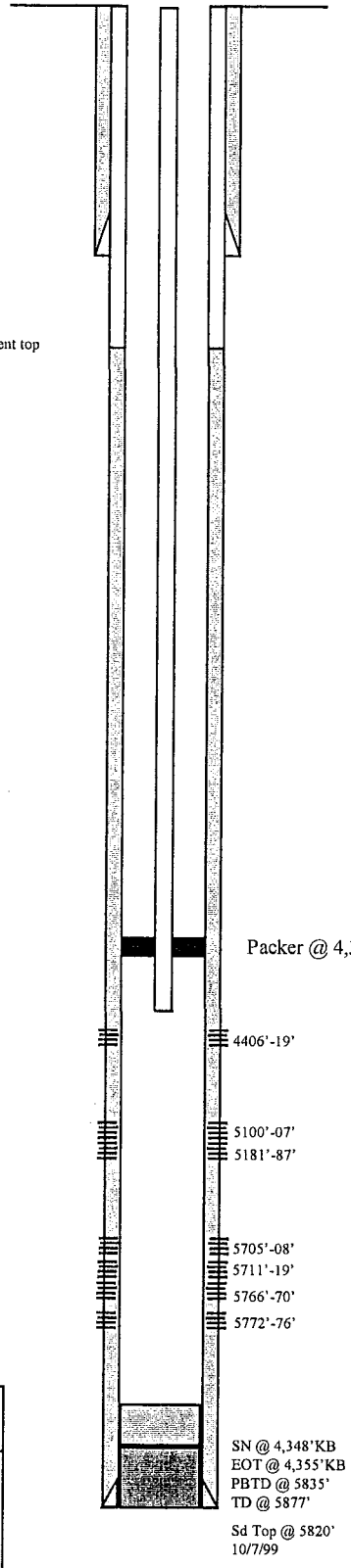
NO. OF JOINTS: 139 jts

PACKER: 4,351'

SEATING NIPPLE: 2-7/8"

TOTAL STRING LENGTH: EOT @ 4,355'

SN LANDED AT: 4,348'



FRAC JOB

11/14/97	5705'-5776'	**Frac CP sand as follows:** 95,300# 20/40 sand in 513 bbls of Delta frac. Breakdown @ 2516 psi, treated @ avg rate 28.1 bpm w/avg press of 1550 psi. ISIP-1791 psi, 5-min 1665 psi. Start flowback on 12/64" ck for 3-1/2 hrs and died.
11/17/97	5100'-5187'	**Frac B sand as follows:** 115,300# of 20/40 sand in 555 bbls of Delta frac. Breakdown @ 2340 psi. Treated @ avg rate 26 bpm w/avg press of 1730 psi. ISIP-2156 psi. 5-min 2027 psi. Start flowback on 12/64" ck for 4 hrs & died.
11/19/97	4406'-4419'	**Frac GB sand as follows:** 88,300# of 20/40 sand in 457 bbls of Delta frac. Breakdown @ 3024 psi. Treated @ avg rate 24.1 bpm w/avg press of 1800 psi. ISIP-2205 psi. 5-min 2137 psi. Start flowback on 12/64" ck for 3 hrs & died.

Inland Resources Inc.

Tar Sands Federal #7-33

1943 FNL 2009 FEL

SWNE Section 33-T8S-R17E

Duchesne Co, Utah

API #43-013-31860; Lease #U-77234

Attachment C-11

Harbourtown Federal #21-33

Spud Date: 3/2/98
Put on Production: 4/13/98
GL: 5129' KB: 5142'

Wellbore Diagram

Initial Production: 74 BOPD,
40 MCFPD, ? BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE:
WEIGHT:
LENGTH:
DEPTH LANDED: 299'
HOLE SIZE:
CEMENT DATA: 200 sxs cmt.

PRODUCTION CASING

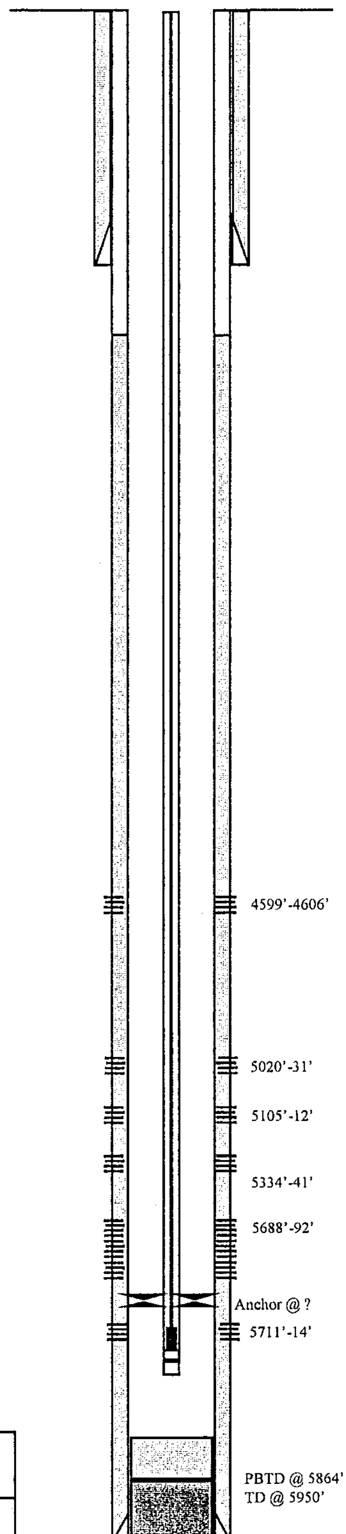
CSG SIZE: 5-1/2"
GRADE:
WEIGHT:
LENGTH:
DEPTH LANDED: 5909'
HOLE SIZE:
CEMENT DATA: 510 sks
CEMENT TOP AT: ABOVE 1100 [illegible] CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"
NO. OF JOINTS: ? 5737'
TUBING ANCHOR:
SEATING NIPPLE:
TOTAL STRING LENGTH:
SN LANDED AT:

SUCKER RODS

POLISHED ROD:.
SUCKER RODS:
TOTAL ROD STRING LENGTH:
PUMP NUMBER:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: DIGL/SP/GR/CAL
SDL/DSN/GR



FRAC JOB

SWFR (5688'-32')	426 bbls 70,500 lbs sand, 20/40 sd x-link gelled water.
SWFR (5334'-41')	305 bbls 40,700 lbs sand, 20/40 sd x-link gelled water.
SWFR (5020'-5112')	532 bbls 100,000 lbs sand, 20/40 sd x-link gelled water.

Well was drilled by Rosewood.

It is a non-unit well (fee?).

No further information available.

PERFORATION RECORD

Inland Resources Inc.

Harbourtown Federal #21-33

513 FNL 1938 FWL

NENW Section 33-T8S-R17E

Duchesne Co, Utah

API #43-013-31914

ATTACHMENT E

NAME AND DEPTH OF USDWs

For Class II wells, submit geologic name and depth to bottom of all underground sources of drinking water, which may be affected by the injection.

Due to the location and depth of the well, it will not affect any source of drinking water. See Attachments E-1 through E-2, showing pertinent water analyses.

Attachment E-1 Analysis of the formation water taken from the Tar Sands Federal #15-28-8-17.

Attachment E-2 Analysis of the compatibility of the injected and formation water

Attachment E-1

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5066
Fax (435) 722-5727

WATER ANALYSIS REPORT

Company INLAND PRODUCTION Address _____ Date 2/27/01

Source Tar Sands 15-28-8-17 Date Sampled 2/26/01 Analysis No. _____

	Analysis		mg/l(ppm)		*Meg/l	
1. PH	9.1					
2. H_2S (Qualitative)	0.5					
3. Specific Gravity	1.018					
4. Dissolved Solids			19,638			
5. Alkalinity ($CaCO_3$)		CO_3	0	÷ 30	0	CO_3
6. Bicarbonate (HCO_3)		HCO_3	732	÷ 61	12	HCO_3
7. Hydroxyl (OH)		OH	0	÷ 17	0	OH
8. Chlorides (Cl)		Cl	11,300	÷ 35.5	319	Cl
9. Sulfates (SO_4)		SO_4	0	÷ 48	0	SO_4
10. Calcium (Ca)		Ca	16	÷ 20	1	Ca
11. Magnesium (Mg)		MG	0	÷ 12.2	0	Mg
12. Total Hardness ($CaCO_3$)			40			
13. Total Iron (Fe)			2.0			
14. Manganese						
15. Phosphate Residuals						

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

1	Ca	HCO_3	12	
0	Mg	SO_4	0	
330	Na	Cl	319	

Compound	Equiv. Wt.	X Meg/l	= Mg/l
$Ca(HCO_3)_2$	81.04	1	81
$CaSO_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17		
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00	11	924
Na_2SO_4	71.03		
NaCl	58.46	319	18,649

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/l
$CaSO_4 \cdot 2H_2O$	2,090 Mg/l
$MgCO_3$	103 Mg/l

REMARKS _____

Recieved Time-Mar. 1.-10:45AM

Attachment E-2

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND PRODUCTION CO 2-28-2001
LOCATION:
SYSTEM:

WATER DESCRIPTION:	JOHNSON WATER	T.S. 15-25-8-17
P-ALK AS PPM CaCO3	0	0
M-ALK AS PPM CaCO3	393	1200
SULFATE AS PPM SO4	130	0
CHLORIDE AS PPM Cl	71	11300
HARDNESS AS PPM CaCO3	0	0
CALCIUM AS PPM CaCO3	180	40
MAGNESIUM AS PPM CaCO3	169	0
SODIUM AS PPM Na	46	7590
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	600	19638
TEMP (DEG-F)	100	100
SYSTEM pH	7.4	9.1

WATER COMPATIBILITY CALCULATIONS
JOHNSON WATER AND T.S. 15-25-8-17
CONDITIONS: pH=8.3, TEMPERATURE ESTIMATED FROM COMPONENT WATERS.

WATER ONE IS JOHNSON WATER

% Water 1	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.23	56	0	0	0
90	1.17	52	0	0	0
80	1.10	47	0	0	0
70	1.01	42	0	0	0
60	.92	37	0	0	0
50	.81	31	0	0	0
40	.70	26	0	0	0
30	.62	21	0	0	0
20	.53	16	0	0	0
10	.41	11	0	0	0
0	.27	6	0	0	0

ATTACHMENT G

GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES

For Class II wells, submit appropriate geological data on the injection zone and confining zones, including lithologic description, geological name, thickness, and depth and fracture pressure.

The proposed injection well produced from and will inject into the Green River formation. Water is sourced from the Johnson Water District and injected or is commingled with produced water at the Monument Butte Injection Facility and processed for individual well injection.

The injection zones are in the Green River formation, bounded by the Garden Gulch marker and the Basal Carbonate Marker. The Green River is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shales. At the Tar Sands Federal #15-28-8-17 location, the proposed injection zone is from 4969'-5944'. The porous and permeable lenticular sandstones vary in thickness from 0' – 31' and are confined to the Monument Butte area by low porosity calcareous shales and carbonates.

The confining strata directly above and below the injection zones are the top of the Garden Gulch formation and the Basal Carbonate, in the Tar Sands Federal #15-28-8-17 well. The strata confining the injection zone are composed of tight, moderately calcareous, sandy lacustrine shales. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

The fracture pressure of the Tar Sands Federal #15-28-8-17 will be determined upon testing. The minimum fracture gradient calculates at 0.706 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be conducted upon injection and periodically thereafter to determine the actual fracture pressure. As the fracture pressure increases, we may elect to increase the injection pressure, but will not exceed the maximum of 1563 psig.

Communication Prevention:

The injection system will be equipped with high and low pressure shut down devices, which will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

Attachment G-1	Formation Tops
Attachment G-2	Proposed Maximum Injection Pressure
Attachment G-3	Fracture Reports Dated 9/14/00
Attachment G-4	Drilling and Completion Reports Dated 8/11/00 THROUGH 8/18/00, AND 9/13/00 THROUGH 9/20/00

ATTACHMENT G-1

FORMATION TOPS

TAR SANDS FEDERAL #15-28-8-17

FORMATION	DEPTH (ft)
Green River	3934'
Garden Gulch	4240'
Point Three Marker	4511'
X Marker	4748'
Y-Marker	4775'
Douglas Creek	4904'
Bicarbonate Marker	5196'
B-Limestone	5330'
Castle Peak Limestone	5746'
Total Depth	6125'

Attachment "G-2"

Tar Sands Federal #15-28-8-17
Proposed Maximum Injection Pressure

Frac Interval (feet) Top	Bottom	Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
4969	5000	4985	3100	1.055	3080
5244	5285	5265	2030	0.819	2011
5765	5944	5855	1600	0.706	1563
				Minimum	1563

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.005)) x Depth of Top Perf

where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.005.

Frac Gradient = (ISIP +(0.433*Avg. Depth))/Avg. Depth

Attachment G-3
Page 1 of 3

Inland RESOURCES INC.

DAILY COMPLETION REPORT

WELL NAME: Tar Sands Federal 15-28-8-17 Report Date: 9/15/00 Completion Day: 03(a)

Present Operation: Perf/frac B sands Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 307' Prod Csg: 4 1/2" 11.6# @ 6110' Csg PBTD: 6046'

Tbg: Size: 2 3/8 Wt: 4.7# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 6046'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP1 sds	5765-5771'	1/6			
CP1 sds	5791-5802'	1/11			
CP2 sds	5824-5828'	1/4			
CP2 sds	5831-5834'	1/3			
CP3 sds	5921-5944'	2/46			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 14-Sep-00 SITP: SICP: 0

RU BJ Services "Ram head" flange. RU BJ and frac CP sds W/ 120,000# 20/40 sand in 721 bbls Viking I-25 fluid. Perfs broke back @ 3550 psi @ 11 BPM. Treated @ ave press of 2000 psi W/ ave rate of 34 BPM. ISIP-1600 psi, 5 min-1495 psi. Leave pressure on well. Est 850 BWTR (includes 129 bbls ahead of frac).

See day 3(b)

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 129 Starting oil rec to date: 0

Fluid lost/recovered today: 721 Oil lost/recovered today:

Ending fluid to be recovered: 850 Cum oil recovered: 0

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail:

7000 gals of pad

3000 gals W/ 1-5 ppg of 20/40 sand

14000 gals W/ 5-8 ppg of 20/40 sand

2614 gals W/ 8 ppg of 20/40 sand

Flush W/ 3654 gals of slick water

Max TP: 2750 Max Rate: 35 BPM Total fluid pmpd: 721 bbls

Avg TP: 2000 Avg Rate: 34 BPM Total Prop pmpd: 120,000#

ISIP: 1600 5 min: 1495 10 min: 15 min:

Completion Supervisor: Gary Dietz

COSTS

KES rig	$617
BOP	$130
BJ Services-CP sds	$34,892
Frac water	$700
IPC Supervision	$100
DAILY COST:	$36,439
TOTAL WELL COST:	$211,418

Inland RESOURCES INC.

DAILY COMPLETION REPORT

WELL NAME: Tar Sands Federal 15-28-8-17 Report Date: 9/15/00 Completion Day: 03(b)

Present Operation: Perf/frac/flowback D sds Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 307' Prod Csg: 4 1/2" 11.6# @ 6110' Csg PBTD: 6046'

Tbg: Size: 2 3/8 Wt: 4.7# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 5500'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
B2 sds	5244-5265'	2/42	CP1 sds	5765-5771'	1/6
B2 sds	5267-5285'	2/36	CP1 sds	5791-5802'	1/11
			CP2 sds	5824-5828'	1/4
			CP2 sds	5831-5834'	1/3
			CP3 sds	5921-5944'	2/46

CHRONOLOGICAL OPERATIONS

Date Work Performed: 14-Sep-00 SITP: SICP: 1495

RU Schlumberger and set HE RBP @ 5500'. Bleed pressure off well. Rec 2 BW. Perf B2 sds @ 5244-65' & 5267-85' W/ 2 JSPF. RU BJ Services and frac B2 sds W/ 78,000# 20/40 sand in 469 bbls Viking I-25 fluid. Perfs broke dn @ 2160 psi. Treated @ ave press of 1800 psi W/ ave rate of 30 BPM. ISIP-2030 psi, 5 min-1900 psi. Leave pressure on well. Est 1317 BWTR.

See day 3(c)

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 850 Starting oil rec to date: 0

Fluid lost/recovered today: 467 Oil lost/recovered today:

Ending fluid to be recovered: 1317 Cum oil recovered: 0

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail:

4000 gals of pad

2000 gals W/ 1-5 ppg of 20/40 sand

8000 gals W/ 5-8 ppg of 20/40 sand

2390 gals W/ 8 ppg of 20/40 sand

Flush W/ 3318 gals of slick water

Max TP: 2702 Max Rate: 30 BPM Total fluid pmpd: 469 bbls

Avg TP: 1800 Avg Rate: 30 BPM Total Prop pmpd: 78,000#

ISIP: 2030 5 min: 1900 10 min: 15 min:

Completion Supervisor: Gary Dietz

COSTS

KES rig	$617
RBP rental	$600
BJ Services-B sds	$14,566
Frac water	$500
Schlumberger-B sds	$3,245
IPC Supervision	$100
DAILY COST:	$19,628
TOTAL WELL COST:	$231,046

Attachment G-3
Page 3 of 3

Inland RESOURCES INC.

DAILY COMPLETION REPORT

WELL NAME: Tar Sands Federal 15-28-8-17 Report Date: 9/15/00 Completion Day: 03(c)

Present Operation: Pull plugs / C/O PBTD Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 307' Prod Csg: 4 1/2" 11.6# @ 6110' Csg PBTD: 6046'

Tbg: Size: 2 3/8 Wt: 4.7# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 5500'

BP/Sand PBTD: 5060'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D2 sds	4969-4978'	4/36	CP1 sds	5765-5771'	1/6
D2 sds	4995-5000'	4/20	CP1 sds	5791-5802'	1/11
B2 sds	5244-5265'	2/42	CP2 sds	5824-5828'	1/4
B2 sds	5267-5285'	2/36	CP2 sds	5831-5834'	1/3
			CP3 sds	5921-5944'	2/46

CHRONOLOGICAL OPERATIONS

Date Work Performed: 14-Sep-00 SITP: SICP: 1900

RU Schlumberger and set HE RBP @ 5060'. Bleed pressure off well. Rec 2 BW. Perf D2 sds @ 4969-78' & 4995-5000' W/ 4 JSPF. RU BJ Services and frac D2 sds W/ 57,080# 20/40 sand in 356 bbls Viking I-25 fluid. Perfs broke dn @ 3980 psi. Treated @ ave press of 2400 psi W/ ave rate of 30.5 BPM. ISIP-3100 psi, 5 min-2710 psi. RD BJ & WLT. Flowback D sds frac on 12/64 choke for 2 1/2 hrs & died. Rec 77 BTF (est 22% of frac load). SIFN W/ est 1594 BWTR.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1317 Starting oil rec to date: 0

Fluid lost/recovered today: 277 Oil lost/recovered today:

Ending fluid to be recovered: 1594 Cum oil recovered: 0

IFL: FFL: FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail:

2000 gals of pad

1000 gals W/ 1-5 ppg of 20/40 sand

5500 gals W/ 5-8 ppg of 20/40 sand

3286 gals W/ 8 ppg of 20/40 sand

Flush W/ 3150 gals of slick water

Max TP: 3663 Max Rate: 30.5 BPM Total fluid pmpd: 356 bbls

Avg TP: 2400 Avg Rate: 30.5 BPM Total Prop pmpd: 57,080#

ISIP: 3100 5 min: 2710 10 min: 15 min:

Completion Supervisor: Gary Dietz

COSTS

KES rig	$617
RBP rental	$600
BJ Services-D sds	$10,494
Frac water	$500
Schlumberger-D sds	$1,551
Frac head rental	$200
Frac tks (5 X 3 days)	$150
IPC Supervision	$100
DAILY COST:	$14,212
TOTAL WELL COST:	$245,258

Attachment G-4
Page 1 of 6

Inland RESOURCES INC.

DAILY DRILLING REPORT

PTS FED 15-28

SW/SE Section 28 - T8S - R17E
Duchesne Co., UT
API # 43-013-32109

Spud Dat
TD
Drlg Rig UNION 314

Report Date 8/11/00 Days Since Spud 1 Depth: 250 Footage 250'

Time		Operation
0.00	HRS	MIRU Union #14 & set equipment on 08/07/00. REPAIR DRAW WORKS
1.00	HRS	Drill MH & RH. SPUD WELL @ 8:15 P.M. ON 08/10/00
1.25	HRS	Drill 23' of 17-1/2" hole. Set conductor pipe
1.00	HRS	NU flow line and air bowl
6.50	HRS	Drill 12-1/4" hole to 250'

Daily Cost $9,820 Cumulative Cost $9,820

Report Date 8/12/00 Days Since Spud 2 Depth: 666 Footage 416'

Time		Operation
1.50	HRS	Drill 7-7/8" hole f/ 250' to 325'
0.50	HRS	C & C hole
1.50	HRS	TOH & work tight hole
1.50	HRS	PU & TIH w/ 8-5/8" GS & 7 jts 8-5/8" 24# j-55 csg. Landed @ 307'. RU BJ Services
0.00	HRS	and cmt csg as follows: 20 bbls dye wtr, 20 bbls gel wtr, 141 sx Class G cmt w/ 2%
0.00	HRS	CaCL2, 1/4#/sx cello-flake mixed @ 15.8 ppg w/ 1.17 cf/sx yld. Had good returns
0.00	HRS	w/ 4 bbls cmt tosfc. Plug was down @ 11:00 a.m. 08/11/00. RD BJ.
4.50	HRS	WOC
2.25	HRS	NU BOP stack & choke manifold
2.75	HRS	Pressure test BOP, kelly, kelly cock & choke to 2000 psi. Test sfc csg to 1500 psi
2.00	HRS	TIH w/ bit #3 & BHA. Drill cmt, plug & shoe
4.25	HRS	Drill 7-7/8" hole f/ 325' to 544'. Survey - 3/4 @ 504'
1.25	HRS	Drill 7-7/8" hole f/ 544' to 635'
1.00	HRS	Change out air rubber. Install drivers. Change over to DP
1.00	HRS	Drill 7-7/8" hole f/ 635' to 666'

Daily Cost $7,376 Cumulative Cost $17,196

Report Date 8/13/00 Days Since Spud 3 Depth: 2230 Footage 1564'

Time		Operation
4.75	HRS	Drill 7-7/8" hole w/ air mist to a depth of 1067'
0.75	HRS	Rig service & survey
7.00	HRS	Drill 7-7/8" hole w/ air mist to a depth of 1559
0.25	HRS	Rig service & survey
7.75	HRS	Drill 7-7/8" hole w/ air mist to a depth of 2053'
0.50	HRS	Rig service & survey
3.00	HRS	Drill 7-7/8" hole w/ air mist to a depth of 2230'

Inland RESOURCES INC.

DAILY DRILLING REPORT

Daily Cost $17,717 Cumulative Cost $34,913

Report Date 8/14/00 **Days Since Spud** 4 **Depth:** 3258 **Footage** 1028'

Time		Operation
2.00	HRS	Drill 7-7/8" hole w/ air mist to a depth of 2362'
1.00	HRS	Rig service
1.75	HRS	R & R air compressor
0.50	HRS	Drill 7-7/8" hole w/ air mist to a depth of 2393'
3.50	HRS	R & R air compressor R & R air compressor
2.75	HRS	Drill 7-7/8" hole w/ air mist to a depth of 2577'
0.25	HRS	Rig service & survey
7.75	HRS	Drill 7-7/8" hole w/ air mist to a depth of 3073'
0.50	HRS	Rig service & survey
4.00	HRS	Drill 7-7/8" hole w/ air mist to a depth of 3258'

Daily Cost $12,664 Cumulative Cost $47,577

Report Date 8/15/00 **Days Since Spud** 5 **Depth:** 4082 **Footage** 824'

Time		Operation
1.00	HRS	Drill 7-7/8" hole w/ air mist to a depth of 3350'
1.50	HRS	Rig service
3.50	HRS	Drill 7-7/8" hole w/ air mist to a depth of 3565'
0.50	HRS	Survey
3.50	HRS	Drill 7-7/8" hole w/ air mist to a depth of 3815'
1.25	HRS	C & C hole, load w/ water, break circulation
2.50	HRS	TOH w/ drill string & BHA
0.25	HRS	Rig service
3.00	HRS	TIH w/ #4 fluid bit & BHA
0.50	HRS	Break circulation, wash 30' to BTM
5.50	HRS	Drill 7-7/8" hole w/ fluid to a depth of 4082'

Daily Cost $16,851 Cumulative Cost $64,428

Report Date 8/16/00 **Days Since Spud** 6 **Depth:** 4961 **Footage** 879'

Time		Operation
1.00	HRS	Rig service & survey
12.25	HRS	Drill 7-7/8" hole w/ fluid to a depth of 4575'
0.50	HRS	Rig service & survey
6.75	HRS	Drill 7-7/8" hole w/ fluid to a depth of 4876'
0.25	HRS	Rig service
3.25	HRS	Drill 7-7/8" hole w/ fluid to a depth of 4961'

Daily Cost $18,960 Cumulative Cost $83,388

Inland RESOURCES INC.

DAILY DRILLING REPORT

Report Date 8/17/00 **Days Since Spud** 7 **Depth:** 5810 **Footage** 849'

Time		Operation
2.75	HRS	Drill 7-7/8" hole w/ fluid to a depth of 5072'
1.50	HRS	Rig service & survey
6.50	HRS	Drill 7-7/8" hole w/ fluid to a depth of 5350'
0.25	HRS	Rig service
6.00	HRS	Drill 7-7/8" hole w/ fluid to a depth of 5556'
0.75	HRS	Rig service & survey
6.25	HRS	Drill 7-7/8" hole w/ fluid to a depth of 5810'

Daily Cost $10,779 Cumulative Cost $94,167

Report Date 8/18/00 **Days Since Spud** 8 **Depth:** 6119 **Footage** 309'

Time		Operation
1.50	HRS	Drill 7-7/8" hole w/ fluid to a depth of 5820'
1.25	HRS	Rig service
6.75	HRS	Drill 7-7/8" hole w/ fluid to a depth of 6119'. TD @ 3;30 p.m. on 08/17/00
5.50	HRS	C & C hole. Drop survey. Lay dn drill string & BHA
11.00	HRS	RU loggers & run Dual Induction/Guard log/SP compensated density
0.00	HRS	Neutron Gamma ray/ Caliper log. PSI broke dn 6 hrs Rig time owed
3.25	HRS	PU & MU 4-1/2" guide shoe, 1 jt float collar 143 jts 15.5# J-55 csg @ 6109.84' KB
1.50	HRS	Cement as follows: 20 bbls dye, 20 bbls Mud Clean II
0.00	HRS	360 sx Prem Lite II w/ 10% Gel & 3% KCL mixed @ 11 ppg > 3.43 YLD
0.00	HRS	625 sx 50/50 Poz w/ 2% Gel & 3% KCL mixed @ 14.4 ppg > 1.24 YLD
0.00	HRS	Plug was down @ 1:23 p.m. on 08/18/00
1.50	HRS	ND BOPs Drop slips w/ 57,000# string weight
3.00	HRS	Clean & dump pits. Release rig @ 4:30 p.m. on 08/18/00.

Daily Cost $52,714 Cumulative Cost 146,881

Attachment G-4
Page 4 of 6

RESOURCES INC.

SUMMARY WORKOVER REPORT

PTS FED 15-28

SW/SE Section 28 - T8S - R17E
Duchesne Co., UT
API # 43-013-2109

Spud Dat 8/10/00
TD '
Completion or Workover Rig KES #965

Report Date 9/13/00 Day 1 **Perf/breakdn CP sands**

Date Work Performed 9/12/00

MIRU KES RIG #965. Install 4-1/2" x 5-1/2" bushing & 5M frac head. NU 5 M BOP. Press test csg, blind rams, csg valves & frac head seal to 3000 psi. Tally, drift, PU & TIH w/ 3-7/8" bit, 4-1/2" csg scraper & 110 jts 2-3/8" 8rd 4.7# J-55 tbg to 3274'. SIFN.

Daily Cost 168,269 Cumulative Cost 168,269

Report Date 9/14/00 Day 2 **Frac CP, B, & D sds, FB D sds**

Date Work Performed 9/13/00

Con't PU & TIH w/ bit, scraper, and 2-3/8" J-55 tbg (185 jts total). Tag PBTD @ 6046'. TBG displaced 14 BW on TiH. TOH w/ tbg. LD bit & scraper. RU Schlumberger and perf CP sds @ 5765'-71', 5791'-5802', 5824'-28', 5831'-34' (1 JSPF) & 5291'-244' (2 JSPF). RD WLT TIH w/ 4-1/2" HD pkr & tbg. Set pkr @ 5877'. Breakdn perfs 5921'-44' (dn tbg) @ 2900 psi. Establish inj rate of 2.1 BPM @ 1800 psi. Breakdn perfs 5765' - 5834' (dn csg) @ 2700 psi. Est inj rate of 2.1 BPM @ 1300 psi. Lost 2 BW. Release pkr. TOH w/ tbg . SIFN w/ est 129 BWTR.

Daily Cost $6,710 Cumulative Cost 174,979

Report Date 9/15/00 Day 3 **Perf/frac B Sands**

Attachment G-4
Page 5 of 6

RESOURCES INC.

SUMMARY WORKOVER REPORT

Date Work Performed **9/14/00**

RU BJ Services "Ram Head" flange. RU BJ and frac CP sds w/ 120,000# 20/40 sand in 721 bbls Viking I-25 Fluid. Perfs broke back @ 3550 psi @ 11 BPM. Treated @ avg press of 2000 psi w/ avg rate of 34 BPM. ISIP: 1600 psi, 5 min: 1495 psi. Leave press on well. Est 850 BWTR (includes 129 bbls ahead of frac).
STIMULATION DETAIL: CP SANDS
7000 gals of pad
3000 gals w/ 1-5 ppg of 20/40 sand
14,000 gals w/ 5-8 ppg of 20/40 sand
2614 gals w/ 8 ppg of 20/40 sand
Flush w/ 3654 gals of slick wtr
Max TP: 2750, Avg TP: 2000, Max Rate: 35 BPM, Avg Rate: 34 BPM
Total fluid pmpd: 721 bbls, Total Prop pmpd: 120,000#
ISIP: 1600, 5 min: 1495

RU Schlumberger and set HE RBP @ 5500'. Bleed press off well. Rec 2 BW. Perf B2 sds @ 5244'-5265' & 5267' - 5285' w/ 2 JSPF. RU BJ Services & frac B2 Sds w/ 78,000# 20/40 sd in 469 bbls Viking I-25 Fluid. Perfs broke dn @ 2160 psi. Treated @ avg press of 1800 psi w/ avg rate of 30 BPM. ISIP: 2030 psi, 5 min: 1900 psi. Left press on well. Est 1317 BWTR.
STIMULATION DETAIL: B2 SANDS
4000 gals of pad
2000 gals w/ 1-5 ppg of 20/40 sand
8000 gals w/ 5-8 ppg of 20/40 sand
2390 gals w/ 8 ppg of 20/40 sand
Flush w/ 3318 gals of slick water
Max TP: 2702, Avg TP: 1800, Max Rate: 30 BPM, Avg Rate: 30 BPM
total fluid pmpd: 469 bbls, Total Prop pmpd: 78,000#
ISIP: 2030, 5 min: 1900

RU Schlumberger and set HE RBP @ 5060'. Bled press off well. Rec 2 BW. Perf D2 Sands @ 4969' - 4978' & 4995' - 5000' w/ 4 JSPF. RU BJ Services & frac D2 sds w/ 57,080# 20/40 sand in 356 bbls Viking I-25 Fluid. Perfs broke dn @ 3980 psi. Treated @ avg press of 2400 psi w/ avg rate of 30.5 BPM. ISIP: 3100 psi, 5 min: 2710 psi. RD BJ & WLT. Flowback D sds frac on 12/64" choke fo 2.5 hrs & died. Rec 77 BTF (est 22% of frac load). SIFN w/ est 1594 BWTR.
STIMULATION DETAIL: D2 SANDS
2000 gals of pad
1000 gals w/ 1-5 ppg of 20/40 sand
5500 gals w/ 5-8 ppg of 20/40 sand
3286 gals w/ 8 ppg of 20/40 sand
Flush w/ 3150 gals of slick water
Max TP: 3663, Avg TP: 2400, Max Rate: 30.5 BPM, Avg Rate: 30.5 BPM
Total fluid pmpd: 356 bbls, Total pmpd: 57,080 #
ISIP: 3100, 5 min: 2710

Daily Cost $70,279 Cumulative Cost 245,258

Report Date **9/16/00** **Day** **4** **Swabbing**

Date Work Performed **9/15/00**

SIP: 20 psi. TIH w/ RH & tbg. Tag sd @ 4835'. Circ sd out to RBP @ 5060'. Release plg. TOH w/ tbg. LD plg. TIH w/ RH & tbg. Tag sd @ 5406'. Circ sd out to RBP @ 5500'. Release plg. TOH w/ tbg. LD plg. TIH w/ NC & tbg. Tagged sd @ 5941'. C/O sd to PBTD @ 6046'. Lost 39 BW during circ. Pull EOT to 5976'. RU swab equip. IFL @ sfc. Made 4 swab runs rec 59 BTF w/ 0% OC. FFL @ 500'. SWIFN. Est 1133 BWTR.

RESOURCES INC.

SUMMARY WORKOVER REPORT

Daily Cost $2,787 Cumulative Cost 248,045

Report Date 9/18/00 Day 5 **Swabbing**

Date Work Performed 9/16/00

20 psi csg. 20 psi tbg. RU swab equip. Made 23 swab runs. IFL @ sfc. FFL @ 1100'. Avg fluid level: 800'. Trace of sd first 12 runs. Rec: 35.2 BO & 312 BW.

Daily Cost $2,293 Cumulative Cost 250,338

Report Date 9/19/00 Day 6 **TIH w/ Production**

Date Work Performed 9/18/00

50 psi csg, 70 psi tbg. RU swab equip. Made 3 swab runs. IFL @ surface. FFL @ 700'. No sand in fluid. Rec 11.4 BO & 18.3 BW. Circ well clean. TIH w/ 3 jts & tag @ 6043. LD excess tbg. TOH w/ tbg & BHA. TIH w/ production string listed below. RD tbg equip. Strip off frac head installprod head. Set TAC w/ 13,000# tension. RU tbg equip. Lost 140 BW. SWIFN.

Daily Cost $2,385 Cumulative Cost 252,723

Report Date 9/20/00 Day 7 **Well on Production**

Date Work Performed 9/19/00

Flush tbg w/ 35 BW @ 250 deg F. TIH w/ rod string. Seat pmp space out. Fill tbg w/ 5 bbls test to 700 psi. Hang off rods & RU pmpg unit. POP @ 1:00 p.m. 09/19/00 @ 73" Stroke, 7 SPM. Lost 35 BW.

Daily Cost $85,461 Cumulative Cost 338,184

ATTACHMENT H

OPERATING DATA

Submit the following proposed operating data for each well (including all those to be covered by area permits): (1) average and maximum daily rate and volume of the fluids to be injected; (2) average and maximum injection pressure; (3) nature of annulus fluid; and (4) for Class II wells, source and analysis of the physical and chemical characteristics of the injection fluid.

1. Estimated average daily rate is 300 BPD, and the estimated maximum daily rate is 500 BPD.
2. The average and maximum surface pressure will be determined upon testing.
3. Fresh water treated with scale inhibitor, oxygen scavenger, biocide (behind packer fluid).
4. The injected fluid is primarily culinary water from the Johnson Water District; in secondary cases the injected fluid will be culinary water from the Johnson Water District commingled with produced water. (See Attachments E-1 through E-4 for analysis).

ATTACHMENT M

CONSTRUCTION DETAILS

Submit schematic or other appropriate drawings of the surface and subsurface construction details of the well.

Attachment M-1	Wellbore schematic of Tar Sands Federal #15-28-8-17
Attachment M-2	Site Plan of Tar Sands Federal #15-28-8-17

Attachment M-1

Tar Sands Federal #15-28

Spud Date: 8/10/00
Put on Production: 9/19/00
GL: 5132' KB: 5142'

Initial Production: 115 BOPD,
75 MCFPD, 26 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 311' (7 jts)
DEPTH LANDED: 307.16' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sx Class "G" cement plus additives

PRODUCTION CASING

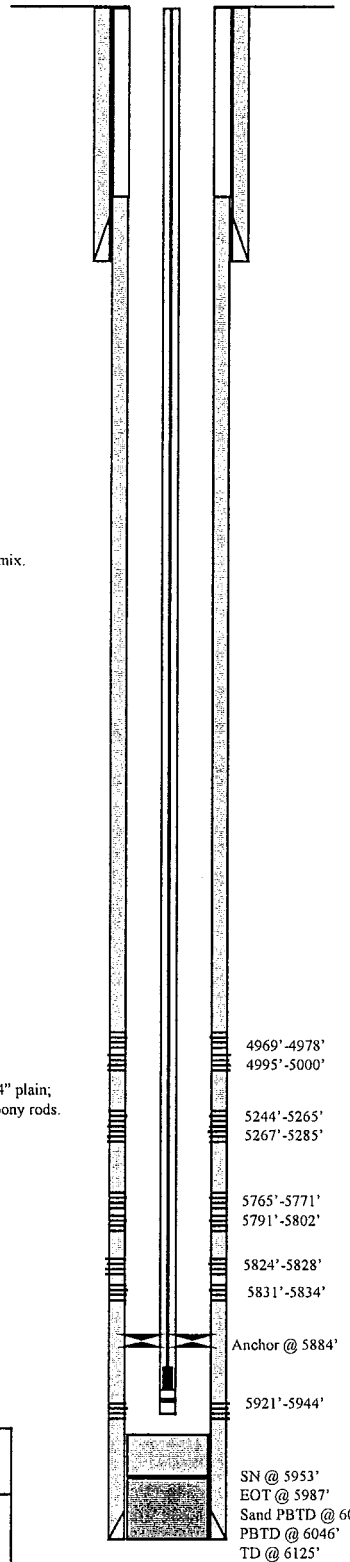
CSG SIZE: 4-1/2"
GRADE: J-55
WEIGHT: 11.6#
LENGTH: 144 jts (6113.84')
DEPTH LANDED: 6109.84'
HOLE SIZE: 7-7/8"
CEMENT DATA: 360 sx PremLite II; followed by 625 sx 50/50 Pozmix.

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 6.5#
NO. OF JOINTS: 183 jts
TUBING ANCHOR: 5884'
SEATING NIPPLE: 2-3/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5987.08' KB
SN LANDED AT: 5952.92' KB

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' polished
SUCKER RODS: 4 - 1-1/2" weight rods; 10 - 3/4" scrapered; 134 - 3/4" plain; 89 - 3/4" scrapered; and 1 each of 3/4" x 8' , 3/4" x 6' and 3/4" x 2' pony rods.
TOTAL ROD STRING LENGTH: ?
PUMP SIZE: 2-1/2 x 1-1/2 x 16' RHAC pump
STROKE LENGTH: 73"
PUMP SPEED, SPM: 7
LOGS: GR, SP, Spectral Density-Dual Spaced Neuron, CBL-GR



FRAC JOB

9/14/00 5765'-5944' **Frac CP sand as follows:** 120,000# 20/40 sand in 721 bbls Viking I-25 fluid. Perfs broke down @ 3550 psi. Treated @ avg press of 2000 psi w/avg rate of 34 BPM. ISIP-1600 psi, 5-min 1495 psi. Left pressure on well.

9/14/00 4969'-5000' **Frac D-2 sand as follows:** 57,080# 20/40 sand in 356 bbls Viking I-25 fluid. Perfs broke down @ 3980 psi. Treated @ avg press of 2400 psi w/avg rate of 30.5 BPM. ISIP-3100 psi, 5-min 2710 psi. Flowback on 12/64" choke for 2-1/2 hours and died. Rec 77 BTF.

9/14/00 5244'-5285' **Frac B-2 sand as follows:** 78,000# 20/40 sand in 469 bbls Viking I-25 fluid. Perfs broke down @ 2160 psi. Treated @ avg press of 1800 psi w/avg rate of 30 BPM. ISIP-2030 psi, 5-min 1900 psi. Left pressure on well.

PERFORATION RECORD

9/14/00	4969'-4978'	4 JSPF	36 holes
9/14/00	4995'-5000'	4 JSPF	20 holes
9/14/00	5244'-5265'	2 JSPF	42 holes
9/14/00	5267'-5285'	2 JSPF	36 holes
9/13/00	5765'-5771'	1 JSPF	6 holes
9/13/00	5791'-5802'	1 JSPF	11 holes
9/13/00	5824'-5828'	1 JSPF	4 holes
9/13/00	5831'-5834'	1 JSPF	3 holes
9/13/00	5921'-5944'	2 JSPF	46 holes

Inland Resources Inc.

Tar Sands Federal #15-28

518 FSL 1890 FEL

SWSE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32109; Lease #U-76241

Attachment M-2

Inland Production Company
Site Facility Diagram

Tar Sands Federal 15-28-8-17

SWSE Sec. 28, T8S, 17E

Duchesne County, Utah

UTU-76241

Site Security Plan is held at the Pleasant Valley Office, Duchesne County Utah

Production Phase:

1) Valves 1, 3, 4 sealed closed

2) Valves 2, 5, 6 sealed open

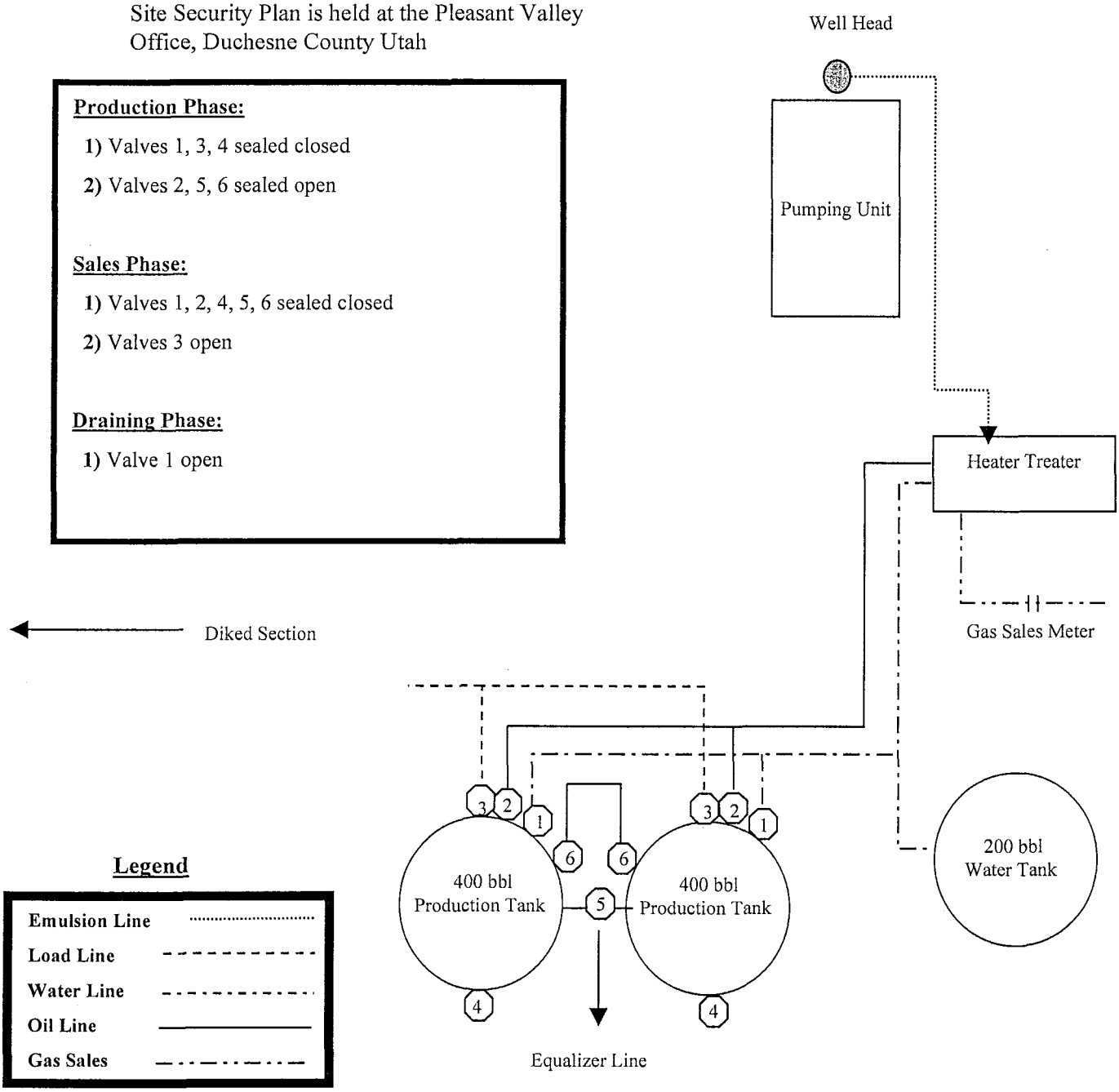
Sales Phase:

1) Valves 1, 2, 4, 5, 6 sealed closed

2) Valves 3 open

Draining Phase:

1) Valve 1 open



ATTACHMENT Q

PLUGGING AND ABANDONMENT PLAN

Submit a plan for plugging and abandonment of the well. Submit this information on EPA Form 7520-14, Plugging and Abandonment Plan.

Attachment Q-1	EPA Form 7520-14, Plugging and Abandonment Plan
Attachment Q-2	Wellbore Schematic of Proposed Plugging and Abandonment
Attachment Q-3	Work Procedure for Plugging and Abandonment

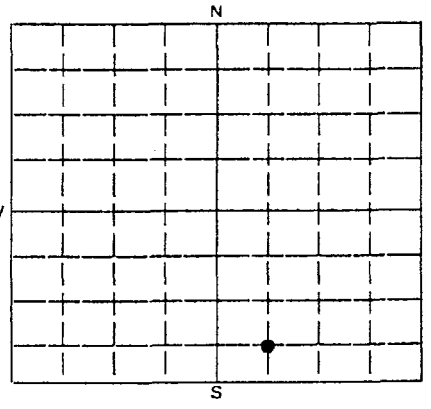
Form Approved. OMB No 2040-0041 Approval expires 3-30-96

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

EPA PLUGGING AND ABANDONMENT PLAN

NAME AND ADDRESS OF FACILITY	NAME AND ADDRESS OF OWNER/OPERATOR
Tar Sands Federal #15-28-8-17 Duchesne County, Utah	Inland Production Company 410 17th Street, Suite 700 Denver, Colorado 80202

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES



STATE	COUNTY	PERMIT NUMBER
Utah	Duchesne	43-013-32109

SURFACE LOCATION DESCRIPTION
¼ OF SW ¼ OF SE SECTION 28 TOWNSHIP 8S RANGE 17E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface Location 518 ft. from (N/S) S Line of quarter section
and 1890 ft. from (E/W) E Line of quarter section

TYPE OF AUTHORIZATION
- [X] Individual Permit
- [ ] Area Permit
- [ ] Rule

Number of Wells 1

WELL ACTIVITY
- [ ] CLASS I
- [X] CLASS II
  - [ ] Brine Disposal
  - [X] Enhanced Recovery
  - [ ] Hydrocarbon Storage
- [ ] CLASS III

Lease Name Tar Sands Federal Well Number #15-28-8-17

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
8-5/8"	24	311'	311'	12-1/4"
4-1/2"	11.6	6114'	6114'	7-7/8"

METHOD OF EMPLACEMENT OF CEMENT PLUGS
- [X] The Balance Method
- [ ] The Dump Bailer Method
- [ ] The Two-Plug Method
- [ ] Other

CEMENTING TO PLUG AND ABANDON DATA:	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will be Placed (inches)	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	annulus	
Depth to Bottom of Tubing or Drill Pipe (ft.)	5987'	5987'	5987'	5987'	5987'	5987'	
Sacks of Cement To Be Used (each plug)	40	90	30	15	10	10	
Slurry Volume To Be Pumped (cu. Ft.)							
Calculated Top of Plug (ft.)	5665'	4569'	2000'	257'	surface	surface	
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)	15.8	15.8	15.8	15.8	15.8	15.8	
Type Cement or Other Material (Class III)	Class G	Class G	Class G	Class G	Class G	Class G	

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED *(if any)*

From	To	From	To
no open holes			

Estimated Cost to Plug Wells $18,000

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE *(Please type or print)*	SIGNATURE	DATE SIGNED
Bill Pennington Chief Financial Officer	Bill Pennington	February 28, 2001

EPA Form 7520-14 (3-84)

ATTACHMENT Q-1

Attachment Q-2

Tar Sands Federal #15-28

Spud Date: 8/10/00
Put on Production: 9/19/00
GL: 5132' KB: 5142'

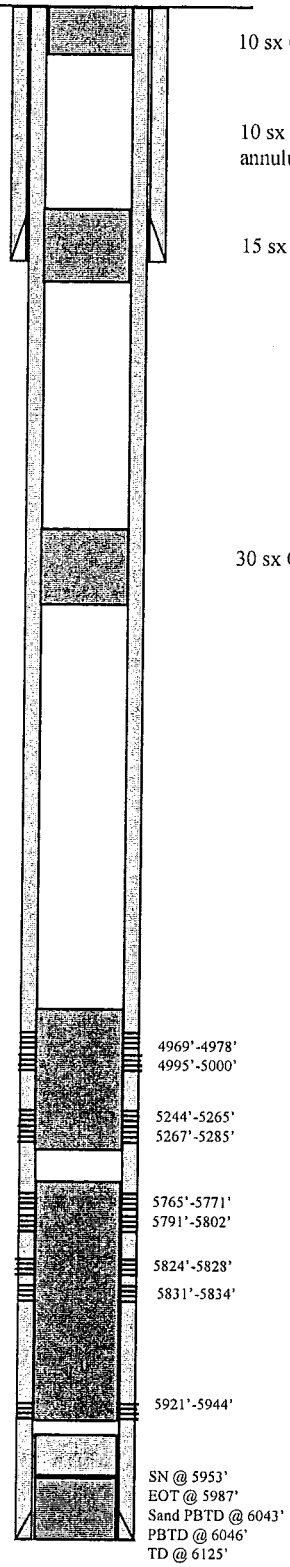
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 311' (7 jts)
DEPTH LANDED: 307.16' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sx Class "G" cement plus additives

PRODUCTION CASING

CSG SIZE: 4-1/2"
GRADE: J-55
WEIGHT: 11.6#
LENGTH: 144 jts (6113.84')
DEPTH LANDED: 6109.84'
HOLE SIZE: 7-7/8"
CEMENT DATA: 360 sx PremLite II; followed by 625 sx 50/50 Pozmix.

Proposed P & A
Wellbore Diagram



Inland Resources Inc.

Tar Sands Federal #15-28

518 FSL 1890 FEL

SWSE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32109; Lease #U-76241

ATTACHMENT Q-3

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.	Plug #1	Set 329' plug from 5665'-5994' with 40 sxs Class "G" cement.
2.	Plug #2	Set 766' plug from 4569'-5335' with 90 sxs Class "G" cement.
3.	Plug #3	Set 200' plug from 2000'-2200' with 25 sxs Class "G" cement.
4.	Plug #4	Set 100' plug from 257'-357' with 20 sxs Class "G" cement (50' above and 50' below casing shoe).
5.	Plug #5	Set 50' plug from surface with 10 sxs Class "G" cement.
6.	Plug #6	Pump 10 sxs Class "G" cement down the 8-7/8" x 4-1/2" annulus to cement to surface.

ATTACHMENT R

NECESSARY RESOURCES

Submit evidence such as a surety bond or financial statement to verify that the resources necessary to close, plug, or abandon the well are available.

Inland Production Company demonstrates financial responsibility by submitting annually the 10K financial report.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Inland Production Company
ADDRESS 410 17th Street, Suite 700
Denver, Colorado 80202

Well Name and number: Tar Sands Federal #15-28-8-17
Field or Unit name: Monument Butte Field Lease No. U-76241
Well Location: QQ SW/SE section 28 township 8S range 17E county Duchesne

Is this application for expansion of an existing project? . . . . . Yes [X] No [ ]

Will the proposed well be used for: Enhanced Recovery? . . . . . Yes [X] No [ ]
Disposal? . . . . . Yes [ ] No [X]
Storage? . . . . . Yes [ ] No [X]

Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]

If this application is for an existing well,
has a casing test been performed on the well?. . . . . Yes [ ] No [X]
Date of test: Will be done at time of conversion
API number: 43-013-32109

Proposed injection interval: from 4969' to 5944'
Proposed maximum injection: rate 500 bpd pressure 1563 psig
Proposed injection zone contains [X] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments A through R

I certify that this report is true and complete to the best of my knowledge.

Name: Bill Pennington Signature Bill Pennington
Title Chief Financial Officer Date February 28, 2001
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: [X] Oil Well [ ] Gas well [ ] Other	5. Lease Designation and Serial No.: U-76241
	6. If Indian, Allottee or Tribe Name: NA
	7. If unit or CA, Agreement Designation:
	8. Well Name and No.: Tar Sands Fed #15-28
2. Name of Operator: **INLAND PRODUCTION COMPANY**	9. API Well No.: 43-013-32109
3. Address and Telephone No.: **410 Seventeenth Street, Suite 700 Denver, CO 80202 (303) 893-0102**	10. Field and Pool, or Exploratory Area: Monument Butte
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): SW/SE 518' FSL, 1890' FEL Sec. 28, T8S, R17E	11. County or Parish, State: Duchesne County, UT

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans	
	[ ] Recompletion	[ ] New Construction	
[ ] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing	
	[ ] Casing repair	[ ] Water Shut-off	
[ ] Final Abandonment Notice	[ ] Altering Casing	[X] Conversion to Injection	
	[ ] Other _____	[ ] Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Please see attached injection application.

RECEIVED
MAR 08 2001
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Signed Joyce I. McGough Title **Regulatory Specialist** Date 2/28/01

Joyce I. McGough

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

April 24, 2001

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: Greater Boundary Unit Well: Tar Sands Federal 15-28-8-17, Section 28, Township 8 South, Range 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.

3. A casing\tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

John R. Baza
Associate Director

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT
STATEMENT OF BASIS

Applicant: Inland Production Company **Well:** Tar Sands Fed. 15-28-8-17

Location: 28/8S/17E **API:** 43-013-32109

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Boundary Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Inland and other various individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland will be the operator of the Greater Boundary Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 311 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 6110 feet and has a cement top at 466'. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set at 4936 feet. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells and 3 water injection wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 150 feet. Injection shall be limited to the interval between 4969 feet and 5944 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 15-28-8-17 well is .706 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1563 psig. The requested maximum pressure is 1563 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Boundary Unit on August 24, 1992 and revised it on April 4, 1998. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

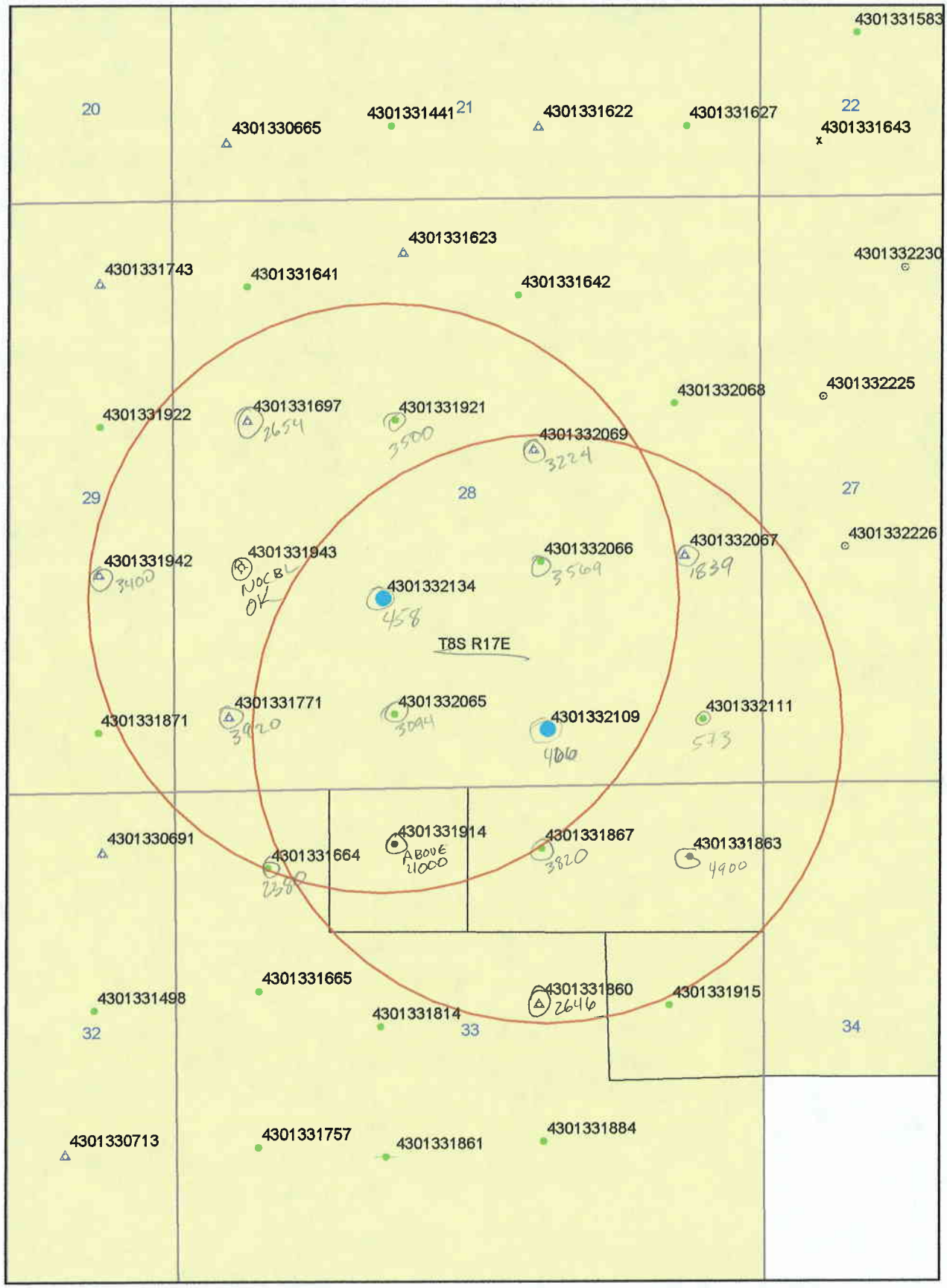
Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that Administrative approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill Date 4/24/2001

UIC-271


4301331583
20
4301330665
4301331441
21
4301331622
4301331627
22
4301331643
4301331623
4301332230
4301331743
4301331641
4301331642
4301332068
4301332225
4301331922
4301331697
2654
4301331921
3500
4301332069
3224
29
28
27
4301331942
3400
4301331943
NOC'd
OK
4301332066
3569
4301332067
1839
4301332226
4301332134
458
T8S R17E
4301331771
3020
4301332065
3044
4301331871
4301332109
406
4301332111
573
4301330691
4301331914
ABOVE
11000
4301331867
3820
4301331863
4900
4301331664
2380
4301331665
4301331498
4301331860
26416
4301331915
4301331814
32
33
34
4301330713
4301331757
4301331861
4301331884

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 10 day of April, 20 01, and that the last publication of such notice was in the issue of such newspaper dated the 10 day of April, 20 01.

Publisher

Subscribed and sworn to before me this
12 day of April, 20 01

Bonnie Parrish
Notary Public

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-271
BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF INLAND PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE TAR SANDS FEDERAL 11-28-8-17 AND 15-28-8-17 WELLS LOCATED IN SECTION 28, TOWNSHIP 8 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Tar Sands Federal 11-28-8-17 and 15-28-8-17 wells, located in Section 28, Township 8 South, Range 17 East, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days fol-

Notary Public

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 2nd day of April, 2001.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
John R. Baza
Associate Director

Published in the Uintah Basin Standard April 10, 2001.

143 SOUTH MAIN ST.
P.O.BOX 45838
SALT LAKE CITY, UTAH 84145
FED.TAX I.D.# 87-0217663

Newspaper Agency Corporation
The Salt Lake Tribune NA DESERET NEWS

CUSTOMER'S COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	D5385340L-07	04/09/01

ACCOUNT NAME	
DIV OF OIL-GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL82013S3E1
SCHEDULE	
START 04/09/01 END 04/09/01	
CUST. REF. NO.	
UIC-271	
CAPTION	
BEFORE THE DIVISION OF OIL, GA	
SIZE	
57 LINES 2.00 COLUMN	
TIMES	RATE
1	1.16
MISC. CHARGES	AD CHARGES
.00	132.24
	TOTAL COST
	132.24

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF INLAND PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE TAR SANDS FEDERAL 11-28-8-17 AND 15-28-8-17 WELLS LOCATED IN SECTION 28, TOWNSHIP 8 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELLS

: NOTICE OF AGENCY ACTION
: CAUSE NO. UIC-271

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Tar Sands Federal 11-28-8-17 and 15-28-8-17 Wells, located in Section 28, Township 8 South, Range 17 East, Duchesne County, Utah, for conversion to a Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 2nd day of April, 2001.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/ John R. Baza
Associate Director

82013S3E

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THA
ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GA
DIV OF OIL-GAS & MINING WAS PUBLISHED BY THE NEW
CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DA
PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH
IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 04/09/01 END 04/09/01

SIGNATURE

DATE 04/09/01

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
http://www.epa.gov/region08

DEC 12 2003

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

Mr. Mike Guinn
Vice President - Operations
Inland Production Company
Route 3 - Box 3630
Myton, UT 84502

RECEIVED
DEC 15 2003
DIV. OF OIL, GAS & MINING

RE: **ADDITIONAL WELL TO BOUNDARY AREA PERMIT**
TAR SANDS FEDERAL NO. 15-28-8-17
Well ID No. UT20702-04625
Boundary Area Permit UT20702-00000
Duchesne County, Utah

Dear Mr. Guinn:

The Inland Production Co.(Inland)request **to convert** a former Garden Gulch-Douglas Creek Members of the Green River Formation oil well, the Tar Sands Federal No. 15-28-8-17, to a Green River Formation Garden Gulch-Douglas Creek-Basal Carbonate Members enhanced recovery injection well, in the Boundary Area Permit, is hereby authorized. The proposed Tar Sands Federal No. 15-28-8-17 Class II enhanced recovery injection well is within the exterior boundary of Boundary Area Permit UT20702-00000; is within the exterior boundary of the Uintah & Ouray Indian Reservation; and the addition is being made under the authority of 40 CFR § 144.33 (c), and the terms of the Boundary Area Permit. Unless specifically mentioned in the enclosed Authorization For An Additional Well, all terms and conditions of the original Boundary Area Permit will apply to the conversion, operation, monitoring, and plugging of the Tar Sands Federal No. 15-28-8-17.

Prior to beginning injection, the Environmental Protection Agency (EPA) requires that Inland submit for review and approval (1) the results of a Part I (Internal) Mechanical Integrity Test (MIT), (2) a pore pressure calculation of the injection interval, and (3) an EPA Form No. 7520-12 (Well Rework Record, enclosed).

Pursuant to Part II. Section C. Condition No. 4, (Injection Pressure Limitation), Boundary Area Permit UT20702-00000, the initial surface injection pressure shall not exceed 1800 psig, **but the initial maximum surface injection pressure of the Tar Sands Federal No. 15-28-8-17 shall not exceed 1345 psig**. The Boundary Final Area Permit, Part II. C. 4., provides an opportunity for the permittee to request an increase, or decrease, in the initial maximum surface injection pressure.

Please be aware that Inland does not have authorization to begin injection into the Tar Sands Federal No. 15-28-8-17 until the Prior to Commencing Injection requirements, listed above, have been submitted and evaluated by the EPA, and Inland has received written authorization to begin injection from the Assistant Regional Administrator, or the Assistant Regional Administrator's authorized representative.

If Inland Production Company has any questions, please call Dan Jackson at (303) 312-6155 if in the Denver area, or 1.800.227.8917 (Ext. 6155) if calling from outside the Denver area. Please submit the required pre-authorization to inject data to the **ATTENTION: Dan Jackson**, at the letterhead address, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,

Carol L. Campbell for

Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and
Regulatory Assistance

enclosures: Authorization For An Additional Well
Form No. 7520-12 (Well Rework Record)

cc w/enclosures: Ms. Maxine Natchees
Chairwoman
Uintah & Ouray Business Committee
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, UT 84026

Ms. Elaine Willie
Environmental Director
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, UT 84026

Mr. Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency
P.O. Box 130
Fort Duchesne, UT 84026

Mr. David Gerbig
Operations Engineer
Inland Production Company
410 Seventeenth Street - Suite 700
Denver, CO 80202

Mr. Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas, and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84114-5801

Mr. Jerry Kenczka
Petroleum Engineer
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
http://www.epa.gov/region08

AUTH0RIZATION FOR AN ADDITIONAL WELL
TO THE
BOUNDARY AREA PERMIT: UT20702-00000

The Environmental Protection Agency (EPA) authorizes the inclusion of an additional enhanced recovery injection well to the Boundary Area Permit No. UT20702-00000, as authorized by 40 CFR § 144.33 (c). The additional well is described as:

WELL NAME: TAR SANDS FEDERAL NO. 15-28-8-17

WELL PERMIT NUMBER: UT20702-04625

SURFACE LOCATION: 518' FSL & 1890' FEL (SW SE)
Sec. 28 - T8S - R17E
Duchesne County, Utah.

This well is subject to all provisions of the original Area Permit (UT20702-00000), and subsequent Modifications, unless specifically detailed below.

POSTPONEMENT OF CONVERSION: If the Tar Sands Federal No.15-28-8-17 (TSF No. 15-28) is not converted/completed for enhanced recovery within one (1) year from the effective date of this AUTHORIZATION FOR AN ADDITIONAL WELL TO THE BOUNDARY AREA PERMIT, the TSF No. 15-28 will be plugged and abandoned in accordance with the Plugging and Abandonment Plan as described in APPENDIX C of this document, **unless the permittee requests an extension**. The written request shall be made to the Director, and shall state the reasons for the delay in conversion/construction, and the permittee will confirm that all underground sources of drinking water (USDW) will be protected. **The extension under POSTPONEMENT OF CONVERSION may not exceed one (1) year.**

UNDERGROUND SOURCE OF DRINKING WATER (USDW): The base of the Uinta Formation USDW in the TSF No. 15-28 occurs approximately **132 feet** from the surface. The source for the location of the base of the Uinta Formation USDW is the STATE OF UTAH: PUBLICATION NO. 2. BASE OF MODERATELY SALINE GROUND WATER IN THE UINTA BASIN, UTAH. Surface casing was set at **307 feet** and cemented to the surface.

Documentation submitted with the application for a Boundary Area Permit, and this application for an Additional Well to the Area Permit, identify the total dissolved solids (TDS) of the produced Garden Gulch/Douglas Creek/Basal Carbonate Members water as approximately **15,646 mg/l**. The injectate is produced water blended with source water from the Johnson Water District reservoir (TDS: **600 mg/l**). The blended injectate has been analyzed at **5704 mg/l** TDS.

UNDERGROUND SOURCES OF DRINKING WATER (USDW) EXEMPTION:

There are no USDWs within the TSF No. 15-28 Area-of-Review (AOR) that require an Aquifer Exemption.

WATER WELLS AND/OR SPRINGS: (HTTP://NRWRT1.NR.STATE.UT.US/)

RE: Water Rights. Queries. POD.

There are no domestic or agricultural water wells within the AOR of the TSF No. 15-28. There are no springs within this AOR.

CONFINING ZONE REVIEW: TSF No. 15-28

The EPA identifies the confining zone directly overlying the top of the **Garden Gulch Member** throughout the Boundary Area Permit as a 26-foot to 160-foot shale zone. Depths to the top of the Garden Gulch confining interval vary from 4218 feet in the north to 3998 feet in the south. **The equivalent Garden Gulch Member confining zone thickness in the TSF No. 15-28 is twenty-six (26) feet, i.e., 3934 feet to 3908 feet .**

An EPA analysis of the **TSF No. 15-28** CBL/GR identifies the uppermost continuous 80% bond index cement bond from **4034 feet to 4197 feet**; a thickness of 163 feet. **There is no continuous 80% cement bond above and/or across the Garden Gulch confining zone (3908 feet to 3934 feet)**, pursuant to standards of Region 8 GROUND WATER SECTION GUIDANCE NO. 34 Cement Bond Logging Techniques and Interpretation. Therefore, it **has not been determined** that the cement in this well provides an effective barrier to significant upward movement of fluids through vertical channels adjacent to the wellbore (Part II Mechanical Integrity [MI]), pursuant to 40 CFR § 146.8 (a) (2). **The permittee will be required to demonstrate Part II External MI** (Ground Water Section Guidance No. 37: Demonstrating Part II Mechanical Integrity for a Class II Injection Well) within 180 days following receipt of the Director's authority to commence injection..

INJECTION ZONE REVIEW: TAR SANDS FEDERAL NO. 15-28-8-17

The top of the Garden Gulch Member is 3934 feet. The authorized injection zone for the Tar Sands Federal No. 15-28-8-17 runs from 3934 feet to the top of the Wasatch Formation (Estimated at 6285 feet).

By a Major Boundary Area Permit Modification No. 3, effective May 19, 2003, the gross enhanced recovery injection interval was authorized to include the Garden Gulch-Douglas Creek-Basal Carbonate Members of the Green River Formation. Within the Boundary Area Permit, tops of the Garden Gulch-Douglas Creek-Basal Carbonate Members in all Class II injection wells were to be based on correlation to the TYPE LOG, Federal No. 1-26, NE NW Section 26 - T8S-R17E, Duchesne County, Utah (UT20702-04671).

WELL CONSTRUCTION REVIEW: TAR SANDS FEDERAL NO. 15-28-8-17

SURFACE CASING: 8-5/8 inch casing is set at 307 feet ground level (GL) in a 12-1/4 inch hole using 141 sacks of Class "G" cement circulated to the surface. The Uinta Formation underground sources of drinking water (USDWs) are at a maximum 132 feet from the surface. Annulus cement and depth of surface casing are considered adequate to protect USDWs in this well.

LONGSTRING CASING: 5-1/2 inch casing is set at 6110 feet KB with 360 sacks of PremLite mixed with 625 sacks of 50/50 Pozmix. The EPA analysis of the CBL/GR shows the top interval of 80% cement bond index annulus cement as 4034 feet to 4197 feet (163 feet).

PART II. A. CONSTRUCTION REQUIREMENTS FOR ADDITIONAL WELLS

Tubing and Packer Specifications: (Condition 3)

For injection purposes, the **TSF No. 15-28** will be equipped with 2-7/8 tubing with a packer to be set at a depth no higher than 100 feet above the top perforation.

Formation Testing and Logging (Condition 6)

(a) Upon conversion of the **TSF No. 15-28**, the permittee is required to determine the injection zone **fluid pore pressure** (static bottom hole pressure) prior to commencement of enhanced recovery injection operation. The results of this test shall be submitted to the EPA.

(b) A **step-rate test (SRT)** shall be performed on the **TSF No. 15-28** within three (3) to six (6) months after injection operations were initiated. The results shall be submitted to the EPA. The permittee will contact the EPA prior to conducting the SRT to acquire the most current Guidance for conducting the SRT.

PART II. B. CORRECTIVE ACTION

As of November 2003, there are (1) Class II enhanced recovery injection well (UT20702-04514), three (3) Douglas Creek Member oil wells, and one (1) Garden Gulch/Douglas Creek Members oil well within the one-quarter (1/4) mile area-of-review (AOR). There are no staked/undrilled locations within the AOR.

TAR SANDS FEDERAL NO. 1-33-8-17: UT20702-04514 (NE NE Sec. 33-T8S-R17E). Authorized for Conversion to a Garden Gulch/Douglas Creek/Basal Carbonate Members of the Green River Formation enhanced recovery injection well on March 1, 2000. Limited Authorization to Inject for 180 days on September 6, 2001. Authorized to continue injection after review and approval of Part II Mechanical Integrity (Radioactive Tracer Survey).

DOUGLAS CREEK MEMBER OIL WELLS:

Tar Sands Federal No. 2-33-8-17 (NW NE Sec. 33-T8S-R17E)
The EPA compared the confining interval, overlying the top of the Garden Gulch Member, to the top of the 80% bond index cement bond, and the EPA has concluded that there is no EPA-acceptable annulus cement across the Garden Gulch confining interval. Therefore, pursuant to Part II. B., Boundary Area Permit, the permittee is required to monitor the **TSF No. 2-33** at least **once weekly** for indications of fluid at the surface behind longstring casing, or other indications of leakage. If any such leakage is discovered at the **TSF No. 2-33** injection into the **TSF No. 15-28** shall be halted immediately, and the Director notified pursuant to Part III, Sec. E. 10. of the Boundary Area Permit.

Tar Sands Federal No. 14-28-8-17 (SE SW Sec. 28-T8S-R17E)
The EPA compared the confining interval, overlying the top of the Garden Gulch Member, to the top of the 80% bond index cement bond, and the EPA has concluded that there is no EPA-acceptable annulus cement across the Garden Gulch confining interval. Therefore, pursuant to Part II. B., Boundary Area Permit, the permittee is required to monitor the **TSF No. 14-28** at least **once weekly** for indications of fluid at the surface behind longstring casing, or other indications of leakage. If any such leakage is discovered at the **TSF No. 14-28** injection into the **TSF No. 15-28** shall be halted immediately, and the Director notified pursuant to Part III. Sec. E. 10. of the Boundary Area Permit.

Tar Sands Federal No. 16-28-8-17 **(SE SE Sec. 28-T8S-R17E)**
The EPA compared the confining interval, overlying the top of the Garden Gulch Member, to the top of the 80% bond index cement bond, and the EPA has concluded that there is no EPA-acceptable annulus cement across the Garden Gulch confining interval. Therefore, pursuant to Part II. B., Boundary Area Permit, the permittee is required to monitor the **TSF No. 16-28** at least **once weekly** for indications of fluid at the surface behind longstring casing, or other indications of leakage. If any such leakage is discovered at the **TSF No. 16-28** injection into the **TSF No. 15-28** shall be halted immediately, and the Director notified pursuant to Part III. Sec. E. 10. of the Boundary Area Permit.

GARDEN GULCH/DOUGLAS CREEK MEMBERS OIL WELL:

Tar Sands Federal No. 10-28-8-17 **(NW SE Sec. 28-T8S-R17E)**
The EPA compared the confining interval, overlying the top of the Garden Gulch Member, to the top of the 80% bond index cement bond, and the EPA has concluded that there is no EPA-acceptable annulus cement across the Garden Gulch confining interval. Therefore, pursuant to Part II. B., Boundary Area Permit, the permittee is required to monitor the **TSF No. 10-28** at least **once weekly** for indications of fluid at the surface behind longstring casing, or other indications of leakage. If any such leakage is discovered at the **TSF No. 10-28** injection into the **TSF No. 15-28** shall be halted immediately, and the Director notified pursuant to Part III. Sec. E. 10. of the Boundary Area Permit.

PART II. C. WELL OPERATION

Prior to Commencing Injection (Additional Wells) (Condition 2)

Tar Sands Federal No. 15-28-8-17: This document is being issued without authority to inject. Prior to beginning injection, the operator is required to submit the following information for EPA review and written approval:

(1) A successful **mechanical integrity test (MIT) Part I (Internal)**, as described in **GROUND WATER SECTION GUIDANCE NO. 39**; .

(2) a **pore pressure calculation** of the proposed injection zone; and

(3) an EPA Form No. 7520-12 (**Well Rework Record**, enclosed).

Part II (External) MI is required within the 180-day limited authorization period.

Injection Interval (Condition 3)

Injection shall be limited to the **gross Garden Gulch-Douglas Creek-Basal Carbonate Members of the Green River Formation,** 3934 feet (KB) to the top of the Wasatch Formation at an approximate depth of 6285 feet (KB).

Injection Pressure Limitation (Condition 4)

Pursuant to Final Area Permit UT20702-00000, Part II. Section C. 4. (b). the maximum surface injection pressure (MIP) shall not exceed 1800 psig. Until such time that a step-rate injectivity test (SRT) has been performed, reviewed, and approved by the EPA, the initial maximum surface injection pressure **(MIP)** for the Tar Sands Federal No. 15-28-8-17 shall not exceed **1345 psig**.

FG	=	0.706 (This Sand/Frac FG value is consistent with other Sec. 28 Sand/Frac or SRT FG values)
D	=	4969 (Depth to top perforation)
SG	=	1.005
0.433	=	Density fresh water
MIP	=	**[0.706 - (0.433)(1.005)] 4969** = 1346 psig, **but reduced to 1345 psig.**

Final Area Permit (UT20702-00000), has a provision whereby the operator may request an increase, or decrease, in the maximum surface injection pressure.

PART II. F. FINANCIAL RESPONSIBILITY

Demonstration of Financial Responsibility (FRD) (Condition 1)

The applicant has chosen to demonstrate financial responsibility for the Tar Sands Federal No. 15-28-8-17 within a $15,000 Schedule A of the Standby Trust Agreement. This document was reviewed and approved by the EPA.

APPENDIX C

PLUGGING AND ABANDONMENT: The Plugging and Abandonment (P&A) Plan (Application Attachment Q-2) submitted by the applicant has been reviewed and approved with a modification, by the EPA, of Plug No. 5. The P&A Plan, as modified, is consistent with EPA requirements to protect all USDWs. The permittee will place 9.2 ppg plugging gel or bentonite mud between
all cement plugs.

PLUG NO. 1: Set a cement plug inside of the 5-1/2 inch casing from 5665 feet to 5944 feet.

PLUG NO. 2: Set a cement plug inside of the 5-1/2 inch casing from 4569 feet to 5335 feet.

PLUG NO. 3: Set a cement plug inside of the 5-1/2 inch casing from 2000 feet to 2200 feet.

PLUG NO. 4: Set a cement plug inside of the 5-1/2 inch casing, from 257 feet to 357 feet.

PLUG NO. 5: Set a cement plug, on the backside of the 5-1/2 inch casing, from surface to a depth of 357 feet.

PLUG NO. 6: Set a cement plug, inside of the 5-1/2 inch casing, from the surface to a depth of 50 feet.

This authorization for well conversion only of the Tar Sands Federal No. 15-28-8-17 to an enhanced recovery injection well becomes effective upon signature.

Date: DEC 12 2003

Carol L. Campbell for

(*) Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

(*) The person holding this title is referred to as the "Director" throughout this Authorization for an Additional Well to the Boundary Area Permit.

Form Approved. OMB No. 2040-0042. Expires 6-30-98

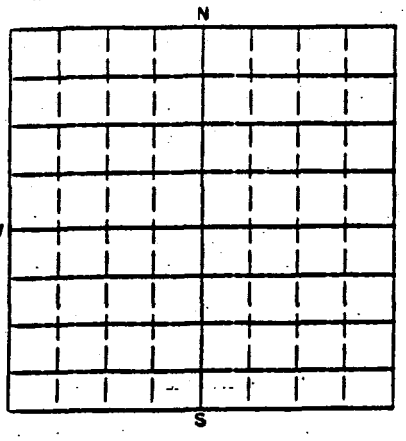
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

EPA

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE	NAME AND ADDRESS OF CONTRACTOR

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES



STATE	COUNTY	PERMIT NUMBER

SURFACE LOCATION DESCRIPTION
___ 1/4 of ___ 1/4 of ___ 1/4 of ___ 1/4 of Section ___ Township ___ Range ___

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location ____ ft. from (N/S) ____ Line of quarter section

and ____ ft. from (E/W) ____ Line of quarter section

WELL ACTIVITY	Total Depth Before Rework	TYPE OF PERMIT
☐ Brine Disposal ☐ Enhanced Recovery ☐ Hydrocarbon Storage	Total Depth After Rework	☐ Individual ☐ Area Number of Wells ____
Lease Name	Date Rework Commenced	Well Number
	Date Rework Completed	

WELL CASING RECORD — BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

WELL CASING RECORD — AFTER REWORK *(Indicate Additions and Changes Only)*

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY	WIRE LINE LOGS, LIST EACH TYPE	
	Log Types	Logged Intervals

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE *(Please type or print)*	SIGNATURE	DATE SIGNED

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU77098X GRTR BNDRY
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY
8. WELL NAME and NUMBER:
TAR SANDS FED 15-28-8-17
9. API NUMBER:
4301332109
10. FIELD AND POOL, OR WILDCAT:
Monument Butte

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Inland Production Company

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 517 FSL 1898 FEL COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/SE, 28, T8S, R17E STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
12/29/2003	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[ ] OTHER
	[X] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was converted from a producing to an injection well on 12/20/03. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly 4890'. On 12/22/03 Mr. Dan Jackson w/EPA was notified of the intent to conduct a MIT on the casing. On 12/24/03 the cassing was pressured to 1495 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE Krisha Russell TITLE Production Clerk

SIGNATURE Krisha Russell DATE December 29, 2003

(This space for State use only)

RECEIVED
DEC 30 2003
DIV. OF OIL, GAS & MI

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 12 / 24 / 03
Test conducted by: BRET HENRIE
Others present: _____

Well Name: TAR SANDS FEDERAL 15-28-8-17 Type: ER SWD Status: AC TA UC
Field: GREATER BOUNDARY UNIT
Location: SW/SE Sec: 28 T 8 N/S R 17 E/W County: DUCHESNE State: UT
Operator: INLAND
Last MIT: — / NA / — Maximum Allowable Pressure: —— PSIG

Is this a regularly scheduled test? [ ] Yes [X] No
Initial test for permit? [X] Yes [ ] No
Test after well rework? [ ] Yes [X] No
Well injecting during test? [ ] Yes [X] No If Yes, rate: —— bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	450 psig	psig	psig
End of test pressure	150 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1495 psig	psig	psig
5 minutes	1495 psig	psig	psig
10 minutes	1495 psig	psig	psig
15 minutes	1495 psig	psig	psig
20 minutes	1495 psig	psig	psig
25 minutes	1495 psig	psig	psig
30 minutes	1495 psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
RESULT	[X] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

Does the annulus pressure build back up after the test ? [ ] Yes [X] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

API # - 43-013-32109

Signature of Witness: _____

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff: _____ Date: ___/___/___

Do you agree with the reported test results? [ ] YES [ ] NO

If not, why? _____

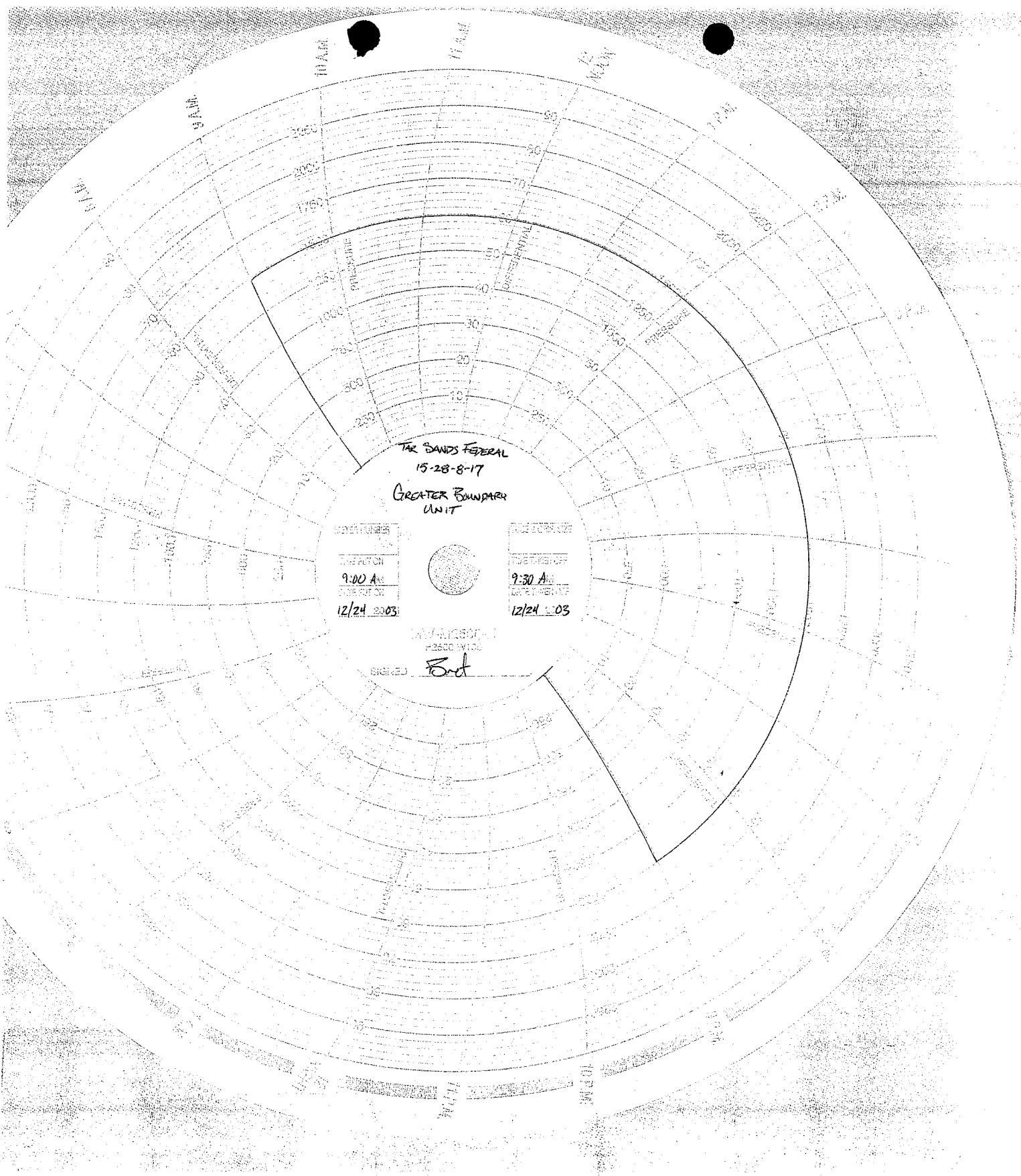
Possible violation identified? [ ] YES [ ] NO

If YES, what _____

If YES - followup initiated? [ ] YES _____

[ ] NO - why not? _____

[ ] Data Entry [ ] Compliance Staff [ ] 2nd Data Entry [ ] Hardcopy Filing


TAR SANDS FEDERAL
15-28-8-17
GREATER BOUNDARY
UNIT
TIME PUT ON
9:00 AM
DATE PUT ON
12/24 2003
TIME TAKEN OFF
9:30 AM
DATE TAKEN OFF
12/24 2003
SIGNED

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
http://www.epa.gov/region08

Ref: 8P-W-GW

JAN 22 2004

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. David Gerbig
Operations Engineer
Inland Production Company
410 Seventeenth Street - Suite 700
Denver, CO 80202

RE: **180-Day Limited Authorization to Inject**
Tar Sands Federal No. 15-28-8-17
EPA Well Permit No. UT20702-04625
SW SE Sec. 25 - T8S - R17E
Duchesne County, Utah

Dear Mr. Gerbig:

The December 29, 2003 Inland Production Company (Inland) submission of **Prior to Commencing Injection** documents did contain all information required to fulfill the Environmental Protection Agency's (EPA) **Prior to Commencing Injection** requirements, as stated in the **Authorization for an Additional Well to the Boundary Area Permit (UT20702-04625**: Part II, Section C. Condition 2). The submitted data included an EPA Well Rework Form (Form No. 7520-12), a Part I (Internal) Mechanical Integrity Test, and the injection zone pore pressure. All data was reviewed and approved by the EPA on January 5, 2004.

The EPA is hereby **authorizing injection into the Tar Sands Federal No. 15-28-8-17 for a limited period of up to one hundred and eighty (180) calendar days effective upon receipt of this letter**, herein referred to as the **"Limited Authorized Period"**.

Because the cement bond log submitted for this well did not show any cement across the confining zone overlying the Garden Gulch Member, **the operator is required to demonstrate Part II (External) Mechanical Integrity (Part II MI) within the 180-day "Limited Authorized Injection Period"**. Approved tests for demonstrating Part II (External) MI include a Temperature Log, a Noise Log, an Oxygen Activation Log, and Region 8 may also accept results of a Radioactive Tracer Survey under certain circumstances. The "Limited Authorized Injection Period" allows injection for the purpose of stabilizing the injection formation pressure prior to demonstrating Part II (External) MI, which is necessary because the proposed injection zone is under-pressured due to previous oil production from the zone, and tests rely on stable formation pressure. Results of any Part II (External) MI Test shall be submitted to Mr. Jackson. Upon

review and approval of the Part II (External) MI Test, the Director will authorize, by letter, continuation of injection into the Tar Sands Federal No. 15-28-8-17.

Copies of Region 8 Guidelines for conducting Part II (External) Mechanical Integrity Tests are enclosed with this letter.

An initial maximum surface injection pressure (MSIP) **not to exceed 1345 psig** was determined for the Tar Sands Federal No. 15-28-8-17 on December 12, 2003. Should the operator apply for an increase to the MSIP at any future date, another demonstration of Part II (External) MI must be conducted in addition to a Step-Rate Test. The operator must receive prior authorization from the Director in order to inject at pressures greater than the permitted MSIP during the test(s).

If you have any questions in regard to the above action, please contact Dan Jackson at 1.800.227.8917 (Ext. 6155). Results from the Temperature Log, or other Part II MI test, should be mailed directly to the **ATTENTION: DAN JACKSON**, at the letterhead address citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,

Sandra A. Stavnes
Director
Ground Water Program

enclosure: EPA Guideline No. 37: Part II (External) MI
EPA Guideline for Temperature Logging
Oxygen Activation Logging
Radioactive Tracer Survey

cc w/ encl: Mr. Mike Guinn
Vice President of Operations
Inland Production Company
Route 3 - Box 4630
Myton, UT 84502

cc w/o encl: Ms. Maxine Natchees, Chairwoman
Uintah & Ouray Business Committee
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, UT 84026

Ms. Elaine Willie
Environmental Director
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, UT 84026

Mr. Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency
P.O. Box 130
Fort Duchesne, UT 84026

Mr. Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84111-0581

Mr. Jerry Kenczka
Petroleum Engineer
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

Mr. Nathan Wiser, 8ENF-UFO

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-76241

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
GREATER BOUNDARY

1. Type of Well
[ ] Oil Well [ ] Gas Well [X] Other

8. Well Name and No.
TAR SANDS FED 15-28-8-17

9. API Well No.
43-013-32109

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

11. County or Parish, State
DUCHESNE COUNTY, UT

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
517 FSL 1898 FEL SW/SE Section 28, T8S R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Report of first injection**	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above referenced well was put on injection at 12:30 p.m. on 1/29/04.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
FEB 02 2004
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Mandie Crozier Title Regulatory Specialist Date 1/30/2004

Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU76241
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY
8. WELL NAME and NUMBER:
TAR SANDS FED 15-28-8-17
9. API NUMBER:
4301332109
10. FIELD AND POOL, OR WILDCAT:
Monument Butte

SUNDRY NOTICES AND REPORTS ON WELLS

not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, c drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Injection well

2. NAME OF OPERATOR: Inland Production Company

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 517 FSL 1898 FEL COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/SE, 28, T8S, R17E STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARITLY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLAIR
☒ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/STOP)	☐ WATER SHUT-OFF
Date of Work Completion:	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: - Step Rate Test
07/15/2004	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on 7/15/04. The fracture pressure was not reached during the test. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to the highest pressure achieved or 1560 psi.

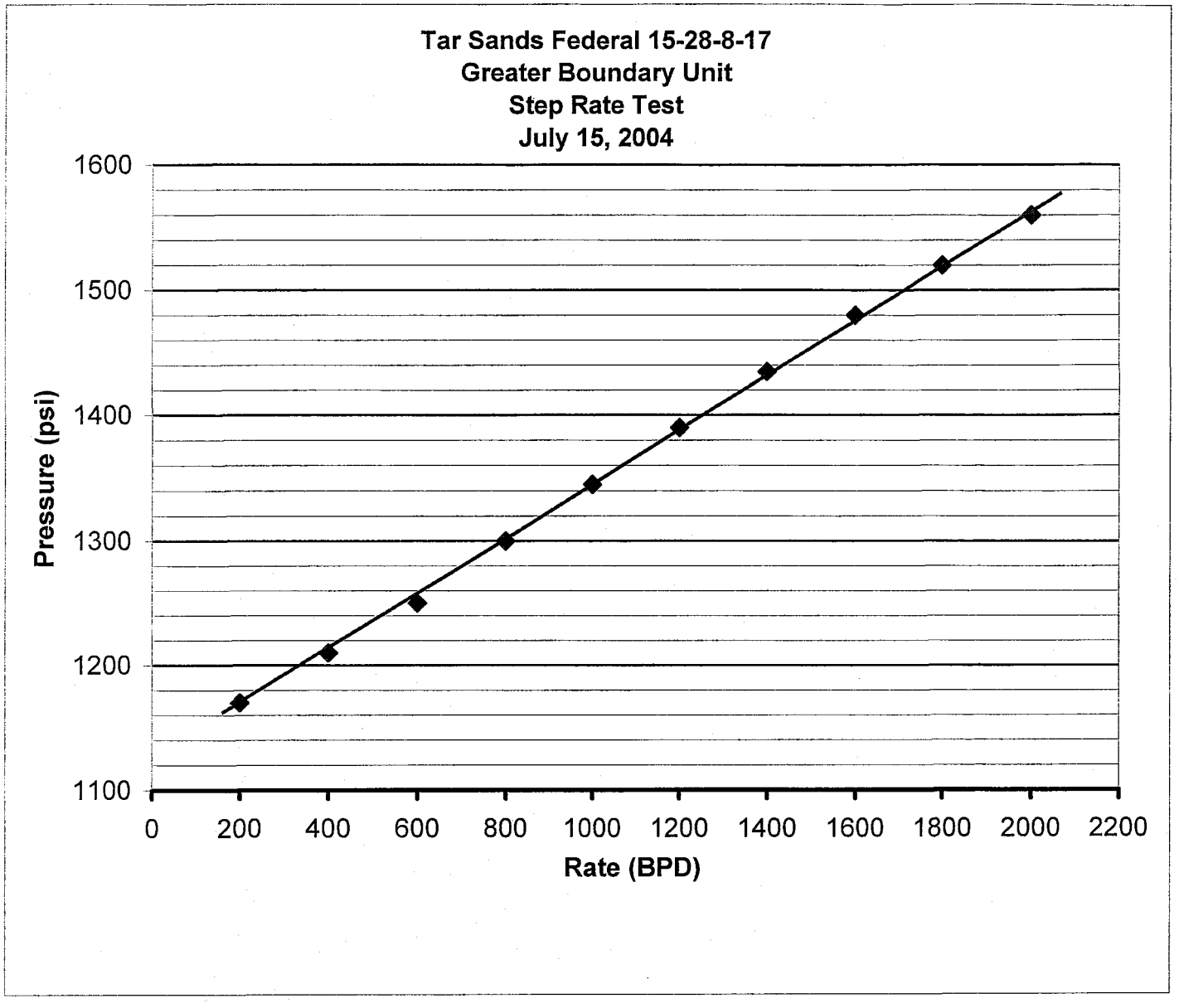
Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
JUL 19 2004
DIV. OF OIL, GAS & MINING

NAME (PLEASE Mike Guinn TITLE Engineer

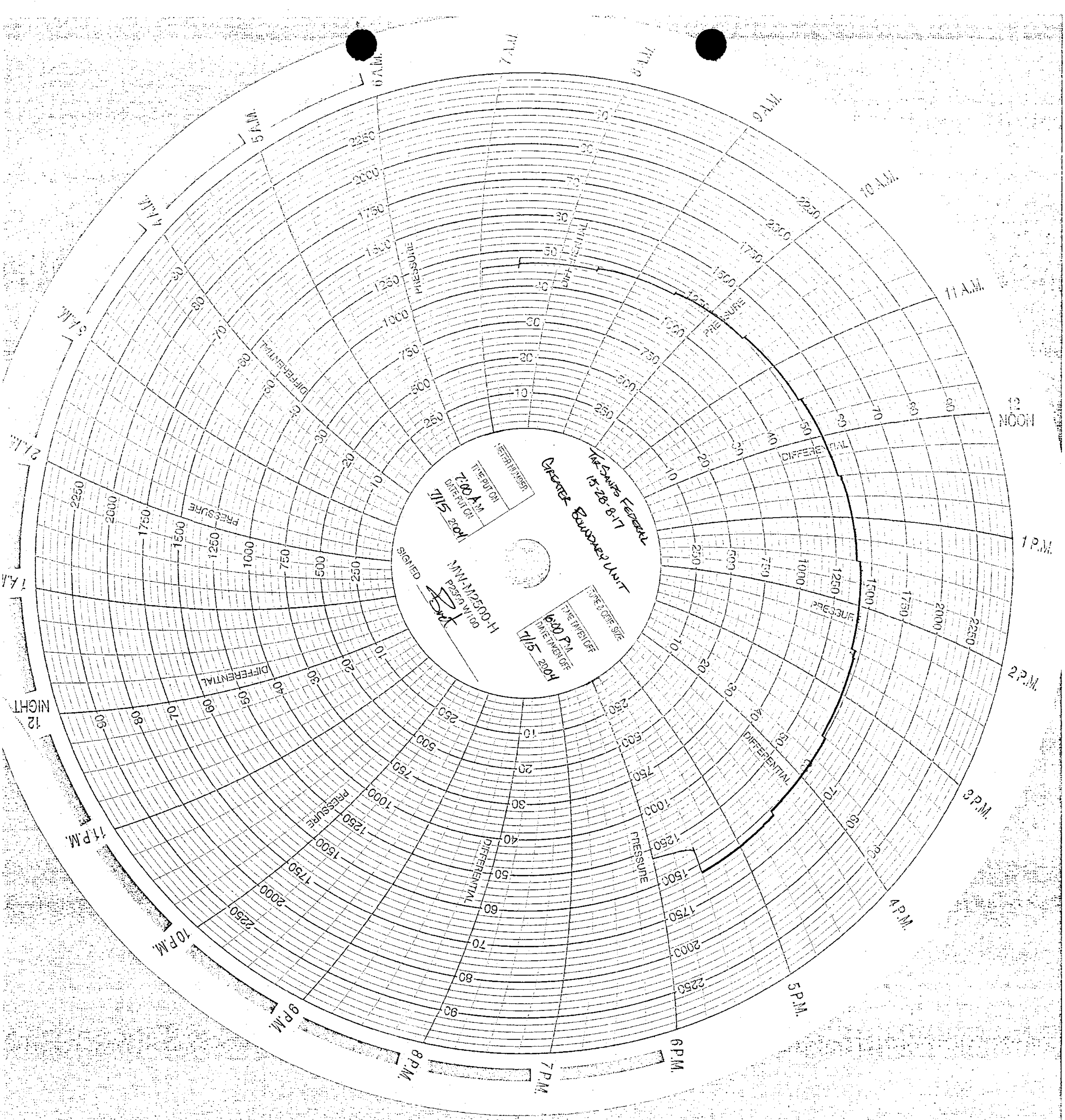
SIGNATURE _____ DATE July 16, 2004

(This space for State use only)



Start Pressure:	1150	psi
Instantaneous Shut In Pressure (ISIP):	1400	psi
Top Perforation:	4969	feet
Fracture pressure (Pfp):	N/A	psi
FG:	N/A	psi/ft

Step	Rate(bpd)	Pressure(psi)
1	200	1170
2	400	1210
3	600	1250
4	800	1300
5	1000	1345
6	1200	1390
7	1400	1435
8	1600	1480
9	1800	1520
10	2000	1560



Tar Sands Federal
15-28-8-17
Greater Boundary Unit
METER NUMBER
TIME PUT ON
7:00 A.M.
DATE PUT ON
7/15 2004
TUBE & ORIF. SIZE
TIME TAKEN OFF
6:00 P.M.
DATE TAKEN OFF
7/15 2004
MW-M2500-H
P2250 W100
SIGNED
PRESSURE
DIFFERENTIAL
12 NOON
12 NIGHT

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael L Coulthard

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure
1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-

071572A
065914

UTU-

02458
03563
03563A
04493
05843
07978
09803
017439B
017985
017991
017992
018073
019222
020252
020252A
020254
020255
020309D
022684A
027345
034217A
035521
035521A
038797
058149
063597A
075174
096547
096550

10760
11385
13905
15392
15855
16535
16539
16544
17036
17424
18048
18399
19267
26026A
30096
30103
31260
33992
34173
34346
36442
36846
38411
38428
38429
38431
39713
39714
40026
40652
40894
41377
44210
44426
44430
45431
47171
49092
49430
49950
50376
50385
50376
50750
51081
52013
52018
58546
61052
62848
63073B
63073D
63073E
63073O
64917
64379
64380
64381
64805
64806
64917
65207
65210
65635
65967
65969
65970
66184
66185
66191
67168
67170
67208
67549
67586
67845
68105
68548
68618
69060
69061
69744
70821
72103
72104
72105
72106
72107
72108
73086
73087
73807
73088
73089
73520A
74108
74805
74806
74807
74808
74389
74390
74391
74392
74393
74398
74399
74400
74404
74405
74406
74411
74805
74806
74826
74827
74835
74868
74869
74870
74872
74970
75036
75037
75038
75039
75075
75078
75089
75090
75234
75238
76239
76240
76241
76560
76561
76787
76808
76813
76954
76956
77233
77234
77235
77337
77338
77339
77357
77359
77365
77369
77370
77546
77553
77554
78022
79013
79014
79015
79016
79017
79831
79832
79833
79831
79834
80450
80915
81000

63073X
63098A
68528A
72086A
72613A
73520X
74477X
75023X
76189X
76331X
76788X
77098X
77107X
77236X
77376X
78560X
79485X
79641X
80207X
81307X

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697

Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment — September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number	API Number
See Attached List	
Location of Well	Field or Unit Name
Footage : County :	See Attached List
QQ, Section, Township, Range: State : UTAH	Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: Brian Harris
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone:
Comments:

Name: Brian Harris
Signature: Brian Harris
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: D. Hunt
Title: Field Services Manager

Approval Date: 9-20-04

Comments: Note: Indian Country wells will require EPA approval.

(5/2000)

RECEIVED
SEP 20 2004
DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold) — Designation of Agent/Operator

X Operator Name Change — **Merger**

The operator of the well(s) listed below has changed, effective: **9/1/2004**

FROM: (Old Operator):	**TO:** (New Operator):
N5160-Inland Production Company	N2695-Newfield Production Company
Route 3 Box 3630	Route 3 Box 3630
Myton, UT 84052	Myton, UT 84052
Phone: 1-(435) 646-3721	Phone: 1-(435) 646-3721

CA No. **Unit:** **GREATER BOUNDARY (GR)**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
GBU 3-27-8-17	27	080S	170E	4301332224	12391	Federal	WI	A
GBU 5-27-8-17	27	080S	170E	4301332225	12391	Federal	OW	P
GBU 12-27-8-17	27	080S	170E	4301332226	12391	Federal	OW	P
GBU 1-27-8-17	27	080S	170E	4301332228	12391	Federal	OW	P
GBU 2-27-8-17	27	080S	170E	4301332229	12391	Federal	OW	P
GBU 4-27-8-17	27	080S	170E	4301332230	12391	Federal	OW	P
GBU 6-27-8-17	27	080S	170E	4301332231	12391	Federal	OW	P
GBU 7-27-8-17	27	080S	170E	4301332232	12391	Federal	OW	P
GBU 8-27-8-17	27	080S	170E	4301332233	12391	Federal	OW	P
GBU 9-27-8-17	27	080S	170E	4301332234	12391	Federal	OW	P
GBU 10-27-8-17	27	080S	170E	4301332235	12391	Federal	OW	P
GBU 11-27-8-17	27	080S	170E	4301332243	12391	Federal	OW	P
GBU 13-27-8-17	27	080S	170E	4301332244	12391	Federal	OW	P
GBU 14-27-8-17	27	080S	170E	4301332245	12391	Federal	OW	P
TAR SANDS FED 9-28-8-17	28	080S	170E	4301332067	12391	Federal	WI	A
TAR SANDS FED 8-28-8-17	28	080S	170E	4301332068	12391	Federal	OW	P
TAR SANDS FED 7-28-8-17	28	080S	170E	4301332069	12391	Federal	WI	A
TAR SANDS FED 15-28-8-17	28	080S	170E	4301332109	12391	Federal	WI	A
TAR SANDS FED 16-28-8-17	28	080S	170E	4301332111	12391	Federal	OW	P
GREATER BOUNDARY 11-28-8-17	28	080S	170E	4301332134	12391	Federal	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - **received 2/23/05**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU76241
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: GREATER BOUNDARY II
8. WELL NAME and NUMBER: TAR SANDS FED 15-28-8-17
9. API NUMBER: 4301332109
10. FIELD AND POOL, OR WILDCAT: Monument Butte

SUNDRY NOTICES AND REPORTS ON WELLS

o not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Injection well

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 517 FSL 1898 FEL COUNTY: Duchesne
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/SE, 28, T8S, R17E STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION SubDate		
☐ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARITLY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLAIR
☒ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/STOP)	☐ WATER SHUT-OFF
Date of Work Completion: 05/10/2006	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: - Step Rate Test
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on April 27, 2006. Results from the test indicate that the fracture gradient is .749 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1560 psi.

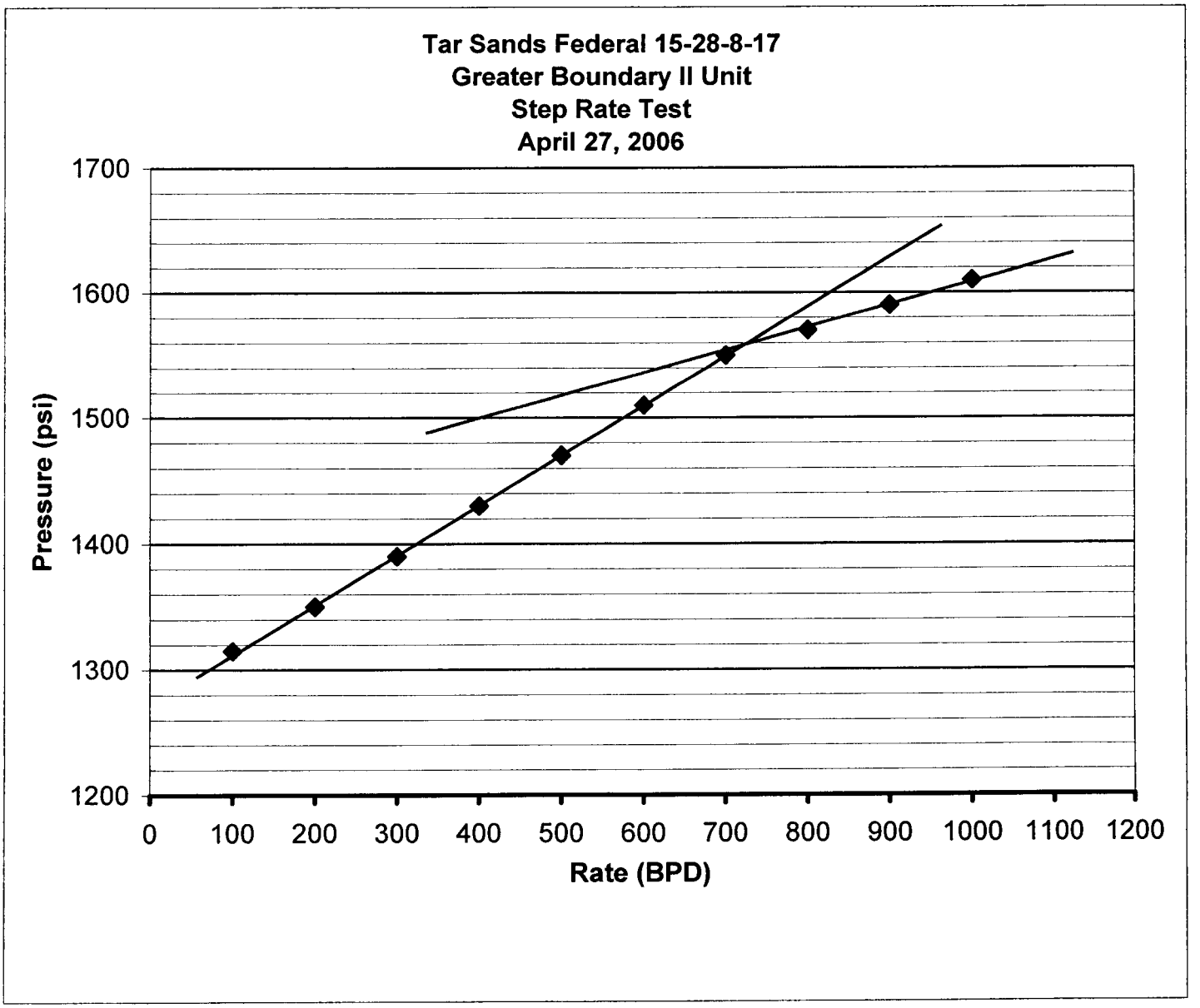
Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Cheyenne Batemen TITLE Well Analyst Foreman

SIGNATURE [signature] DATE 05/10/2006

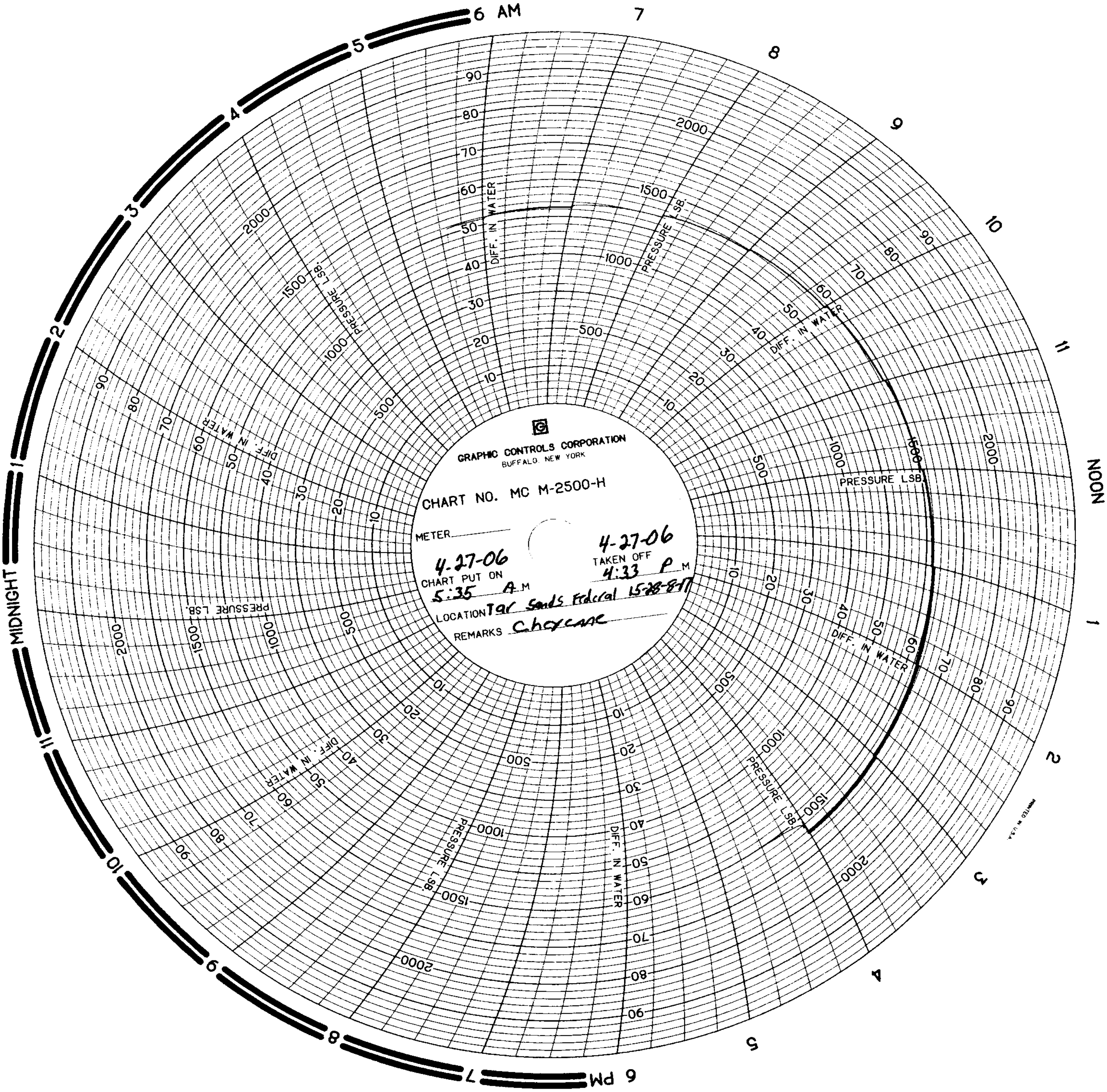
(This space for State use only)

RECEIVED
MAY 15 2006
DIV. OF OIL, GAS & MINING



Start Pressure:	1290	psi
Instantaneous Shut In Pressure (ISIP):	1565	psi
Top Perforation:	4969	feet
Fracture pressure (Pfp):	1560	psi
FG:	0.749	psi/ft

Step	Rate(bpd)	Pressure(psi)
1	100	1315
2	200	1350
3	300	1390
4	400	1430
5	500	1470
6	600	1510
7	700	1550
8	800	1570
9	900	1590
10	1000	1610


GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
CHART NO. MC M-2500-H
METER
4-27-06
CHART PUT ON
5:35 A.M
4-27-06
TAKEN OFF
4:33 P M
LOCATION Tar Sands Federal 15-28-8-17
REMARKS Cheycane
6 AM
NOON
6 PM
MIDNIGHT
PRESSURE LSB.
DIFF. IN WATER

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-76241

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: GREATER BOUNDARY II

1. TYPE OF WELL: OIL WELL [x] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: TAR SANDS FED 15-28-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301332109

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 517 FSL 1898 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 28, T8S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARILY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
11/12/2008	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - 5 Year MIT.
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 10/31/08 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. Permission was given at that time to perform the test on 11/15/08. On 11/15/08 the csg was pressured up to 1140 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1420 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT 20702-04625 API# 43-013-32109

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Callie Duncan TITLE Production Clerk

SIGNATURE Callie Duncan DATE 11/14/2008

(This space for State use only)

RECEIVED
NOV 17 2008
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 11 / 17 / 2008
Test conducted by: Teit Lillihead
Others present: _____

Well Name: TSF 15-28-8-17 Type: ER SWD Status: AC TA UC
Field: Monument Butte
Location: SW/SE Sec: 28 T 8 N/S R 17 E/W County: Duchesne State: UT
Operator: Newfield Exploration
Last MIT: / / Maximum Allowable Pressure: 1560 PSIG

Is this a regularly scheduled test? [X] Yes [ ] No
Initial test for permit? [ ] Yes [X] No
Test after well rework? [ ] Yes [X] No
Well injecting during test? [ ] Yes [X] No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 1420 psig

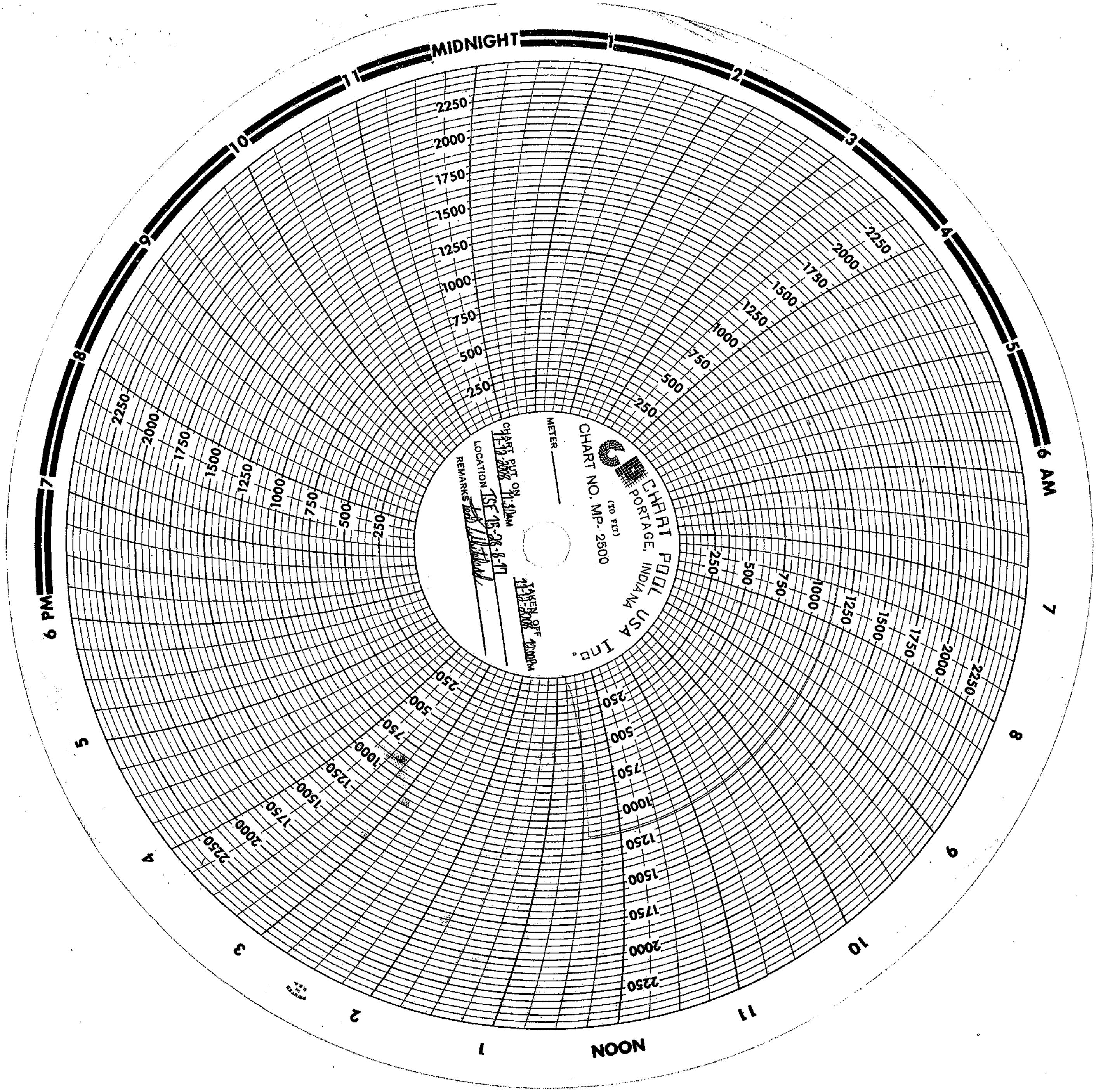
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	*PRESSURE*		
Initial Pressure	1420 psig	psig	psig
End of test pressure	1420 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1140 psig	psig	psig
5 minutes	1140 psig	psig	psig
10 minutes	1140 psig	psig	psig
15 minutes	1140 psig	psig	psig
20 minutes	1140 psig	psig	psig
25 minutes	1140 psig	psig	psig
30 minutes	1140 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[X] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

Does the annulus pressure build back up after the test ? [ ] Yes [X] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____


MIDNIGHT
6 AM
NOON
6 PM
CHART POOL USA Inc.
PORTAGE, INDIANA
CHART NO. MP-2500
(TO FIT)
METER
CHART PUT ON
TAKEN OFF
LOCATION
REMARKS
PRINTED IN U.S.A.

43-013-32109

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101
http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO:
3140 / (UT-9223)
UTU-74868, UTU-74869
UTU-74870, UTU-74872
UTU-76241, UTU-77235

APR 09 2013

RECEIVED
APR 11 2013
DIV. OF OIL, GAS & MINING

Tar Sands Fed 15-28-8-17
8S 17E 28

CERTIFIED MAIL – 7012 3460 0001 4633 6233
Return Receipt Requested

DECISION

Newfield Production Company	:	Combined Hydrocarbon Leases
1001 17th Street, Suite 2000	:	UTU-74868 – UTU-74870, UTU-74872
Denver, Colorado 80202	:	UTU-76241 and UTU-77235

Extension of Time to Comply Granted

Combined Hydrocarbon Leases UTU-74868, UTU-74869, UTU-74870, UTU-74872, UTU-76241 and UTU-77235 were issued to Newfield Production Company (formerly Inland Production Company) effective December 1, 1995, for a period of ten years subject to extension in accordance with the Mineral Lands Leasing Act of February 25, 1920 (30 U.S.C. 181 *et seq.*) and the Combined Hydrocarbon Leasing Act of 1981(Pub. L.97-78). Section 4 (b) of the leases state: "Lessee shall diligently develop the tar sand resource in the leased lands as prescribed in the regulations, or as specifically set out by the lessor in approving a plan of operations."

By a notice issued by this office on January 10, 2013, you were requested to submit, within 90 calendar days of the date of receipt of the notice, evidence that a plan of operations was submitted to the Bureau of Land Management (BLM) as required by the regulations.

By a letter dated March 13, 2013, received April 4, 2013, you have requested that an additional 90 day extension (to July 10, 2013) be granted to fully respond to the requirements of the January 10th notice. Therefore, by this decision, an extended period of an additional 90 days (until July 10, 2013) is hereby granted to respond to our January 10th notice.

If you have any questions concerning this decision, please call Bill Buge of this office at (801) 539-4086.

Roger L Bankert

Roger L. Bankert
Chief, Branch of Minerals

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76241

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: TAR SANDS FED 15-28-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013321090000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2136 FSL 2199 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 28 Township: 08.0S Range: 17.0E Meridian: S

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 10/17/2013	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: 5 YR MIT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

5 YR MIT performed on the above listed well. On 10/17/2013 the casing was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1560 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04625

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 24, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 10/21/2013

RECEIVED: Oct. 21, 2013

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 10/17/2013
Test conducted by: Dustin Bennett
Others present: _____

-04625

Well Name: 15-28-8-17 Tar Sands Type: ER SWD Status: AC TA UC
Field: Monument Butte
Location: SW/SE Sec: 28 T 8 N (S) R 17 E / W County: Duchesne State: UT
Operator: Newfield Exploration
Last MIT: / / Maximum Allowable Pressure: 1610 PSIG

Is this a regularly scheduled test? [✓] Yes [ ] No
Initial test for permit? [ ] Yes [✓] No
Test after well rework? [ ] Yes [✓] No
Well injecting during test? [✓] Yes [ ] No If Yes, rate: 69 bpd

Pre-test casing/tubing annulus pressure: 1100 / 1560 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	*PRESSURE*		
Initial Pressure	1560 psig	psig	psig
End of test pressure	1560 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1100 psig	psig	psig
5 minutes	1100 psig	psig	psig
10 minutes	1100 psig	psig	psig
15 minutes	1100 psig	psig	psig
20 minutes	1100 psig	psig	psig
25 minutes	1100 psig	psig	psig
30 minutes	1100 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

Does the annulus pressure build back up after the test ? [ ] Yes [ ] No

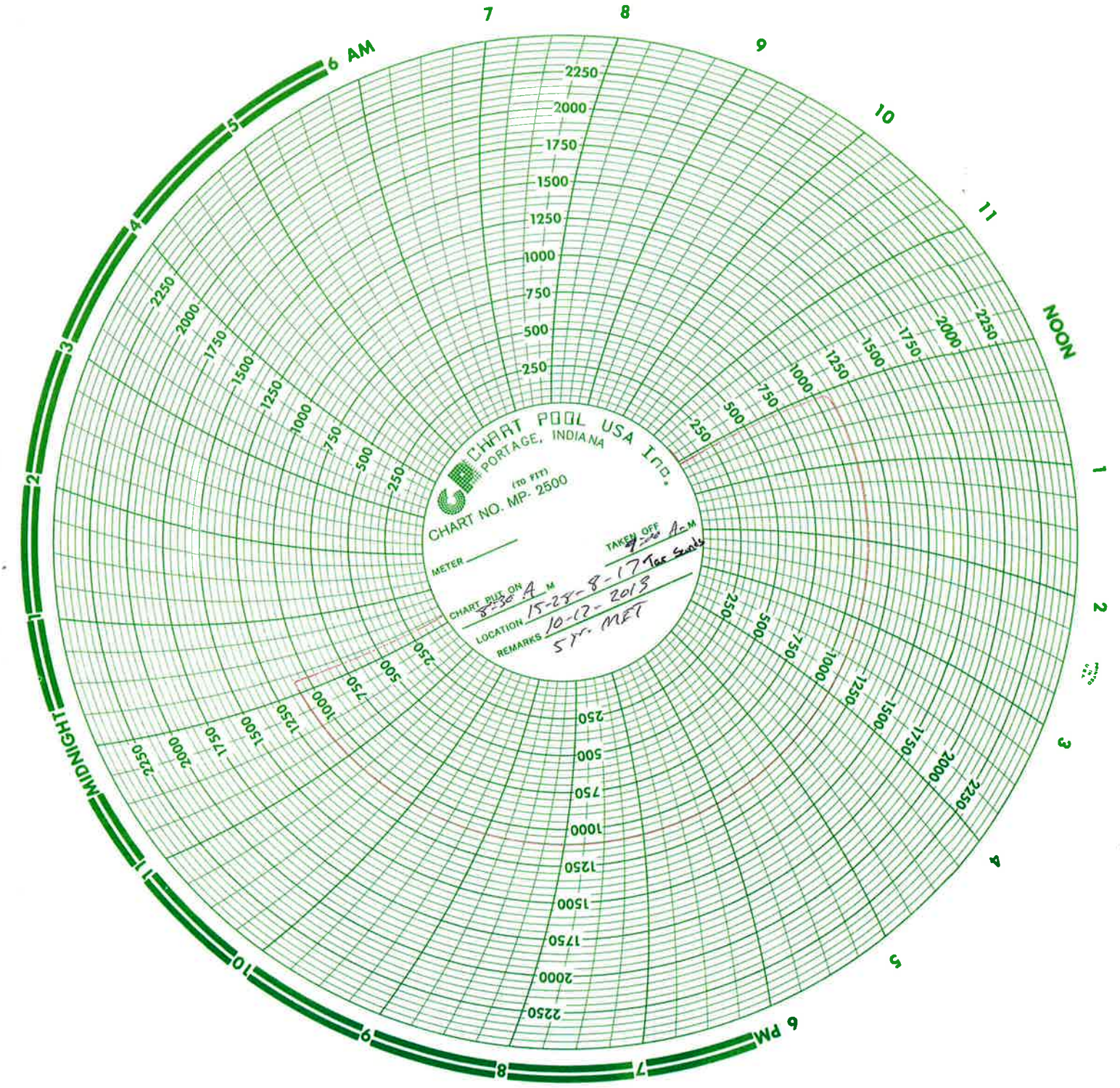
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

_____

Signature of Witness: _____

Sundry Number: 43996 API Well Number: 43013321090000



Tar Sands Federal #15-28-8-17

Spud Date: 8/10/00

Put on Production: 9/19/00
GL: 5132' KB: 5142'

Initial Production: 115 BOPD,
75 MCFPD, 26 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 311' (7 jts)

DEPTH LANDED: 307.16' GL

HOLE SIZE: 12-1/4"

CEMENT DATA: 141 sx Class "G" cement plus additives

PRODUCTION CASING

CSG SIZE: 4-1/2"

GRADE: J-55

WEIGHT: 11.6#

LENGTH: 144 jts (6113.84')

DEPTH LANDED: 6109.84'

HOLE SIZE: 7-7/8"

CEMENT DATA: 360 sx PremLite II; followed by 625 sx 50/50 Pozmix.

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.7#

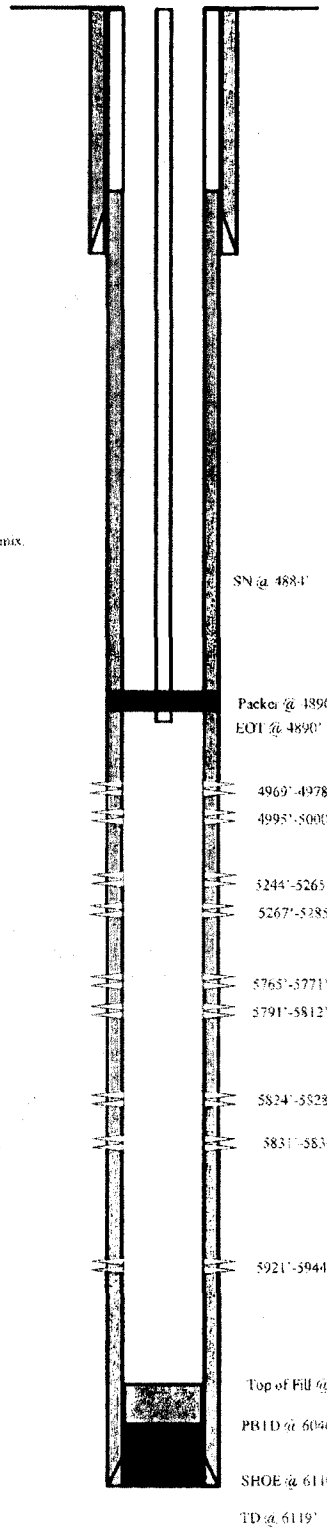
NO. OF JOINTS: 149 jts (4872.47')

SN LANDED AT: 4883.57' KB

TUBING PACKER: 4890.17'

TOTAL STRING LENGTH: EOT @ 4890.17' KB

Injection Wellbore Diagram



FRAC JOB

9/14/00 5765'-5944' **Frac CP sand as follows:** 120,000# 20/40 sand in 721 bbls Viking I-25 fluid. Perfs broke down @ 3550 psi. Treated @ avg press of 2000 psi w/avg rate of 34 BPM. ISIP-1600 psi, 5-min 1495 psi. Left pressure on well.

9/14/00 4969'-5000' **Frac D-2 sand as follows:** 57,080# 20/40 sand in 356 bbls Viking I-25 fluid. Perfs broke down @ 3980 psi. Treated @ avg press of 2400 psi w/avg rate of 30.5 BPM. ISIP-3100 psi, 5-min 2710 psi. Flowback on 12/64" choke for 2-1/2 hours and died. Rec 77 BTF.

9/14/00 5244'-5285' **Frac B-2 sand as follows:** 78,000# 20/40 sand in 469 bbls Viking I-25 fluid. Perfs broke down @ 2160 psi. Treated @ avg press of 1800 psi w/avg rate of 30 BPM. ISIP-2030 psi, 5-min 1900 psi. Left pressure on well.

10/19/01 Stuck pump. Update rod and tubing details.

12/20/03 Injection Conversion.

PERFORATION RECORD

9/14/00	4969'-4978'	4 JSPF	36 holes
9/14/00	4995'-5000'	4 JSPF	20 holes
9/14/00	5244'-5265'	2 JSPF	42 holes
9/14/00	5267'-5285'	2 JSPF	36 holes
9/13/00	5765'-5771'	1 JSPF	6 holes
9/13/00	5791'-5502'	1 JSPF	11 holes
9/13/00	5824'-5828'	1 JSPF	4 holes
9/13/00	5831'-5834'	1 JSPF	3 holes
9/13/00	5921'-5944'	2 JSPF	46 holes

NEWFIELD

Tar Sands Federal #15-28
518 FSL & 1890 FEL
SWSE **Section 28-T8S-R17E**
Duchesne Co, Utah
API **#43-013-32109**; Lease #U-76241

KR 12/29/03